

## SME Network Solution

# WLAN Hardware Description

**Issue** 10  
**Date** 2025-09-30



**Copyright © Huawei Technologies Co., Ltd. 2025. All rights reserved.**

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

## **Trademarks and Permissions**



HUAWEI and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

## **Notice**

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

## **Huawei Technologies Co., Ltd.**

Address: Huawei Industrial Base  
Bantian, Longgang  
Shenzhen 518129  
People's Republic of China

Website: <https://ekit.huawei.com>

---

# Contents

---

<b>1 Using the Info-Finder Tool.....</b>	<b>1</b>
<b>2 Description of Applicable Components.....</b>	<b>2</b>
<b>3 WLAN Access Controller.....</b>	<b>3</b>
3.1 AC650-128AP.....	3
3.2 AC650-256AP.....	9
3.3 AC650-512AP.....	15
<b>4 Indoor Settled AP.....</b>	<b>22</b>
4.1 AP673E.....	22
4.2 AP673.....	32
4.3 AP572.....	43
4.4 AP371.....	53
4.5 AP661.....	63
4.6 AP362.....	73
4.7 AP362E.....	82
4.8 AP361.....	91
4.9 AP361E.....	101
<b>5 Common Wall Plate AP.....</b>	<b>111</b>
5.1 AP271E.....	111
5.2 AP266.....	122
5.3 AP265E.....	132
5.4 AP263.....	143
<b>6 Wall Plate 86x86 AP.....</b>	<b>156</b>
6.1 AP162E.....	156
6.2 AP160.....	165
<b>7 Outdoor AP.....</b>	<b>175</b>
7.1 AP771.....	175
7.2 AP761E.....	185
7.3 AP772.....	197
7.4 AP772E.....	209
7.5 AP761.....	221

# 1 Using the Info-Finder Tool

---

To view more information about devices, log in to Huawei's website ([Enterprise Network](#) or [Carrier](#)) to download the data sheets of the corresponding device models, or visit Info-Finder ([Enterprise Network](#) or [Carrier](#)) to query device specifications.

Info-Finder is a tool platform that allows you to search for key product information by product series and model, such as basic information including software specifications, life cycles, and hardware information, and operation and maintenance information including licenses, alarms, logs, commands, and MIBs. Hardware-related tools are as follows:

- **Product Image Gallery:** provides images and network element icons based on product models. You can see the product appearance from multiple views and download and use the product gallery whenever needed, helping you create more professional design drawings and networking diagrams.
- **3D Model:** provides product images, product overview, and component insertion/removal videos, as well as related component information, helping you quickly gain full product information in one-stop mode.
- **Hardware Center:** provides the technical specifications of an entire system and its components, as well as the mapping between the entire system, components, and versions, helping you quickly understand the whole picture of the product hardware.

# 2 Description of Applicable Components

---

This document describes all the device models and modules supported in a version. To obtain accurate subscription information, visit Huawei website or contact Huawei local sales offices. You can also pay attention to the product change notices (PCNs) and lifecycle management bulletins on this website.

The appearances of devices and modules are subject to actually delivered products. The figures in this document are for reference only.

# 3 WLAN Access Controller

[3.1 AC650-128AP](#)

[3.2 AC650-256AP](#)

[3.3 AC650-512AP](#)

## 3.1 AC650-128AP

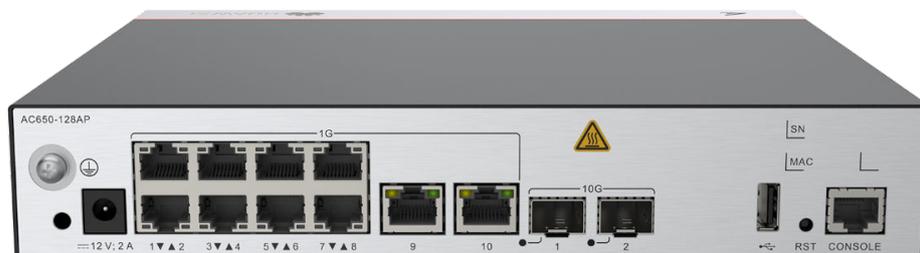
### Overview

**Table 3-1** Basic information about the AC650-128AP

Item	Details
Description	AC650-128AP mainframe (10*GE ports, 2*10GE SFP+ ports, with the AC/DC adapter)
Part Number	02355NCG
Model	AC650-128AP
First supported version	V200R022C10

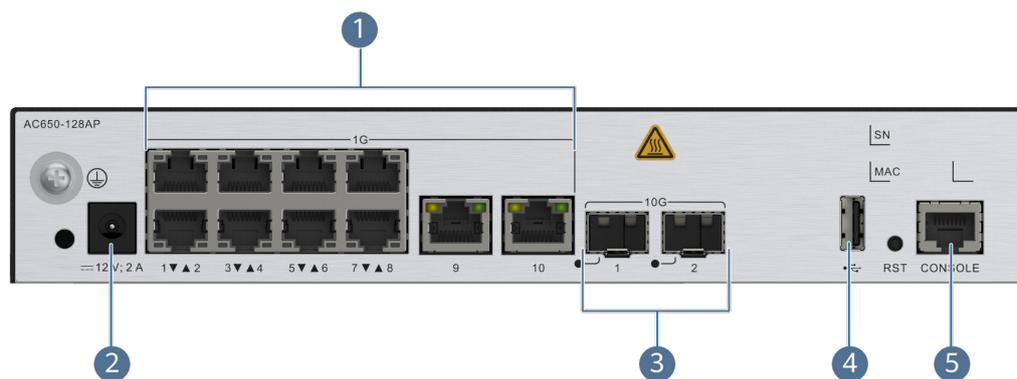
## Appearance

Figure 3-1 Appearance of the AC650-128AP



## Ports

Figure 3-2 Ports on the AC650-128AP



1	GE	2	DC 12V
3	10GE	4	USB
5	CONSOLE	-	-

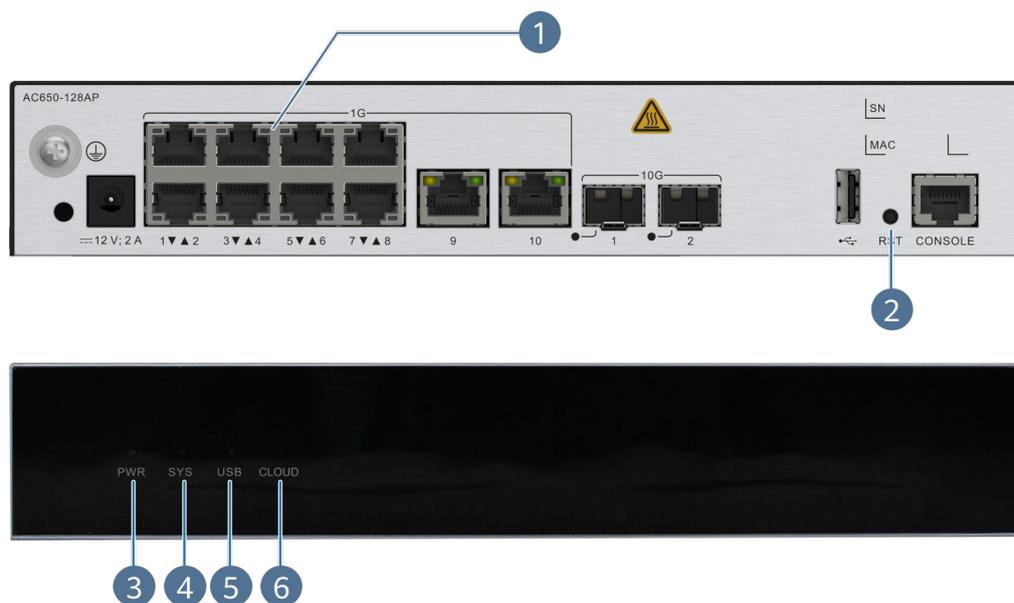
Table 3-2 Ports on the AC650-128AP

Port	Connector Type	Description	Available Components
GE	RJ45	10 x 10/100/1000BASE-T Ethernet electrical ports	Network cable

Port	Connector Type	Description	Available Components
10GE	SFP+	2 x 10GE SFP+ Ethernet optical ports	Optical module
DC 12V	DC connector	DC input connector	12 V DC power adapter
CONSOLE	RJ45	Console port	Console cable
USB	USB 2.0 Type A	USB port connecting to a USB flash drive or other storage device to extend the storage space.	USB storage device

## Indicators and Buttons

Figure 3-3 Indicators and buttons on the AC650-128AP



1	Service port indicators	2	RST button
3	PWR indicator	4	SYS indicator
5	USB indicator	6	CLOUD indicator

**Table 3-3** Indicators on the AC650-128AP

Silkscreen	Name	Color	Status	Description
PWR	Power module indicator	-	Off	The system is not powered on or there is an internal power supply failure.
		Green	Steady on	Power supply is normal.
SYS	System status indicator	-	Off	The system is not running.
		Green	Steady on	The system is being powered on or restarted.
		Green	Blinking once every 0.25s (4 Hz)	The system is starting.
		Green	Slow blinking (0.5 Hz)	The system is running properly.
		Red	Steady on	The system is faulty.
USB	USB indicator	-	Off	No USB device is connected.
		Green	Steady on	A USB device is connected and working properly.
CLOUD	CLOUD indicator	-	Off	The device is not connected to a cloud management platform or the connection is interrupted.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	The connection to a cloud management platform is normal.
		Green	Blinking once every 0.25s (4 Hz)	The device is connecting to a cloud management platform.
-	GE electrical service port indicator	-	Off	The port is not connected or has been shut down.
		Green	Steady on	The link is established.
		Yellow	Blinking	The port is sending or receiving data.
-	10GE optical service port indicator	-	Off	No link is established on the port.
		Green	Steady on	The link is established.
		Green	Blinking	The port is sending or receiving data.

**Table 3-4** Buttons on the AC650-128AP

Silkscreen	Name	Description
RST	Reset button	<ul style="list-style-type: none"> <li>Press the reset button for no more than 3 seconds to reset the device manually. Resetting the device will cause service interruption. Exercise caution when using this button.</li> <li>Press and hold down the reset button for more than 5 seconds to restore the factory settings and restart the device.</li> </ul>

## Technical Specifications

**Table 3-5** Technical specifications of the AC650-128AP

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Rack</li> <li>Desk</li> <li>Wall</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Basic: 43.6 mm x 250 mm x 210 mm (1.72 in. x 9.84 in. x 8.27 in.) Maximum: 43.6 mm x 250 mm x 215 mm (1.72 in. x 9.84 in. x 8.46 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	110 mm x 465 mm x 335 mm (4.33 in. x 18.31 in. x 13.19 in.)
Weight without packaging [kg(lb)]	1.9kg
Weight with packaging [kg(lb)]	2.55 kg (5.62 lb)
Storage	Nand FLASH 1GB
Console port	RJ45
Maximum power consumption [W]	23.58 W
Maximum heat dissipation [BTU/hour]	80.45 BTU/hour
Power supply mode	DC power adapter
Service port surge protection	6 kV in common mode

Item	Specification
Types of fans	None
Maximum number of physical ports on the entire device	2 x 10GE (SFP+) + 10 x GE (RJ45)
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Ground
USB	1 x USB 2.0 (host type A) port
MTBF [year]	50 year
MTTR [hour]	2 hour

## 3.2 AC650-256AP

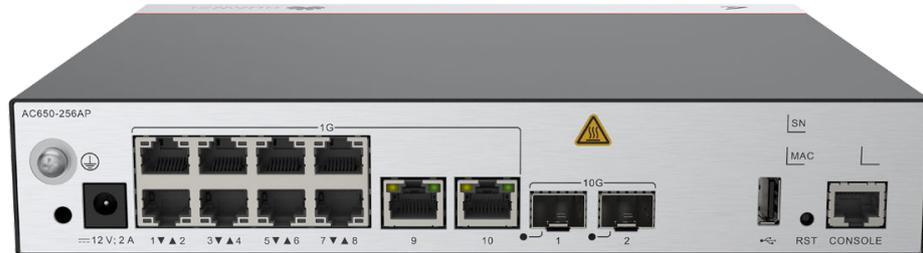
### Overview

**Table 3-6** Basic information about the AC650-256AP

Item	Details
Description	AC650-256AP mainframe (10*GE ports, 2*10GE SFP+ ports, with the AC/DC adapter)
Part Number	02355NCH
Model	AC650-256AP
First supported version	V200R022C10

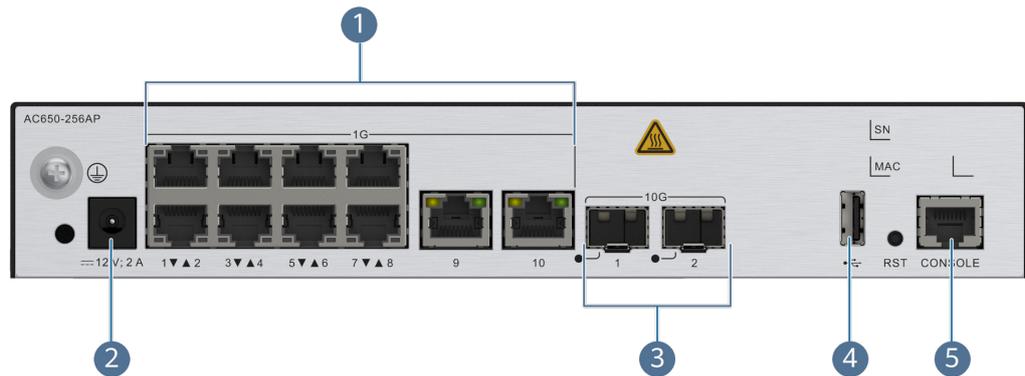
## Appearance

Figure 3-4 Appearance of the AC650-256AP



## Ports

Figure 3-5 Ports on the AC650-256AP



1	GE	2	DC 12V
3	10GE	4	USB
5	CONSOLE	-	-

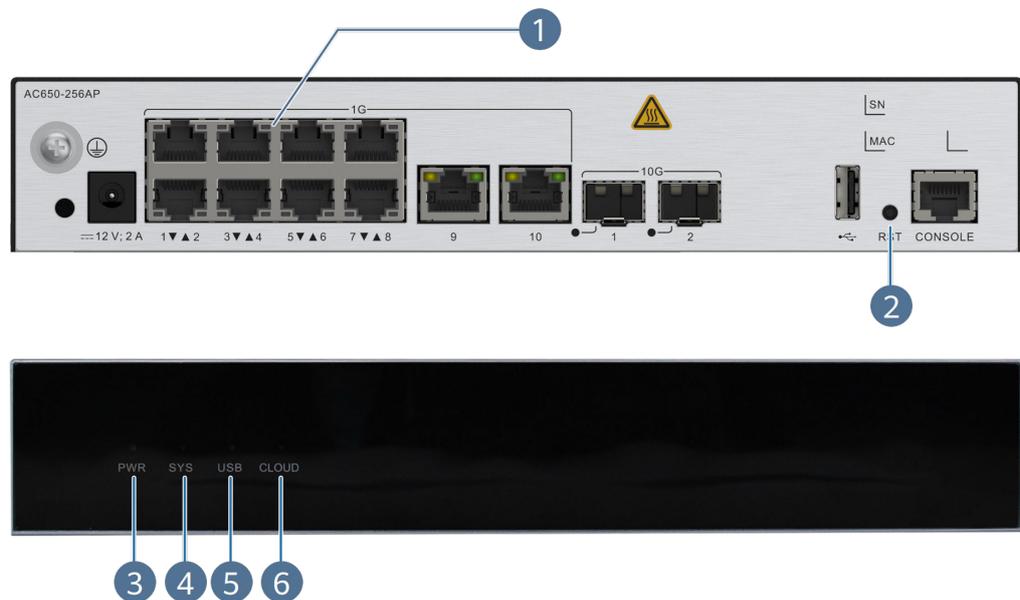
Table 3-7 Ports on the AC650-256AP

Port	Connector Type	Description	Available Components
GE	RJ45	10 x 10/100/1000BASE-T Ethernet electrical ports	Network cable

Port	Connector Type	Description	Available Components
10GE	SFP+	2 x 10GE SFP+ Ethernet optical ports	Optical module
DC 12V	DC connector	DC input connector	12 V DC power adapter
CONSOLE	RJ45	Console port	Console cable
USB	USB 2.0 Type A	USB port connecting to a USB flash drive or other storage device to extend the storage space.	USB storage device

## Indicators and Buttons

Figure 3-6 Indicators and buttons on the AC650-256AP



1	Service port indicators	2	RST button
3	PWR indicator	4	SYS indicator
5	USB indicator	6	CLOUD indicator

**Table 3-8** Indicators on the AC650-256AP

Silkscreen	Name	Color	Status	Description
PWR	Power module indicator	-	Off	The system is not powered on or there is an internal power supply failure.
		Green	Steady on	Power supply is normal.
SYS	System status indicator	-	Off	The system is not running.
		Green	Steady on	The system is being powered on or restarted.
		Green	Blinking once every 0.25s (4 Hz)	The system is starting.
		Green	Slow blinking (0.5 Hz)	The system is running properly.
		Red	Steady on	The system is faulty.
USB	USB indicator	-	Off	No USB device is connected.
		Green	Steady on	A USB device is connected and working properly.
CLOUD	CLOUD indicator	-	Off	The device is not connected to a cloud management platform or the connection is interrupted.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	The connection to a cloud management platform is normal.
		Green	Blinking once every 0.25s (4 Hz)	The device is connecting to a cloud management platform.
-	GE electrical service port indicator	-	Off	The port is not connected or has been shut down.
		Green	Steady on	The link is established.
		Yellow	Blinking	The port is sending or receiving data.
-	10GE optical service port indicator	-	Off	No link is established on the port.
		Green	Steady on	The link is established.
		Green	Blinking	The port is sending or receiving data.

**Table 3-9** Buttons on the AC650-256AP

Silkscreen	Name	Description
RST	Reset button	<ul style="list-style-type: none"> <li>Press the reset button for no more than 3 seconds to reset the device manually. Resetting the device will cause service interruption. Exercise caution when using this button.</li> <li>Press and hold down the reset button for more than 5 seconds to restore the factory settings and restart the device.</li> </ul>

## Technical Specifications

**Table 3-10** Technical specifications of the AC650-256AP

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Rack</li> <li>Desk</li> <li>Wall</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Basic: 43.6 mm x 250 mm x 210 mm (1.72 in. x 9.84 in. x 8.27 in.) Maximum: 43.6 mm x 250 mm x 215 mm (1.72 in. x 9.84 in. x 8.46 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	110 mm x 465 mm x 335 mm (4.33 in. x 18.31 in. x 13.19 in.)
Weight without packaging [kg(lb)]	1.9kg
Weight with packaging [kg(lb)]	2.55 kg (5.62 lb)
Storage	Nand FLASH 1GB
Console port	RJ45
Maximum power consumption [W]	23.58 W
Maximum heat dissipation [BTU/hour]	80.45 BTU/hour
Power supply mode	DC power adapter
Service port surge protection	6 kV in common mode

Item	Specification
Types of fans	None
Maximum number of physical ports on the entire device	2 x 10GE (SFP+) + 10 x GE (RJ45)
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Ground
USB	1 x USB 2.0 (host type A) port
MTBF [year]	50 year
MTTR [hour]	2 hour

### 3.3 AC650-512AP

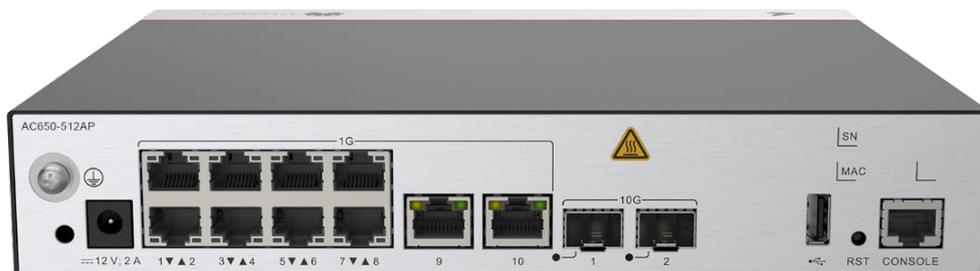
#### Overview

**Table 3-11** Basic information about the AC650-512AP

Item	Details
Description	AC650-512AP mainframe (10*GE electrical ports,2*10GE optical ports, with the AC/DC adapter)
Part Number	02356EQH-001
Model	AC650-512AP
First supported version	V200R023C10

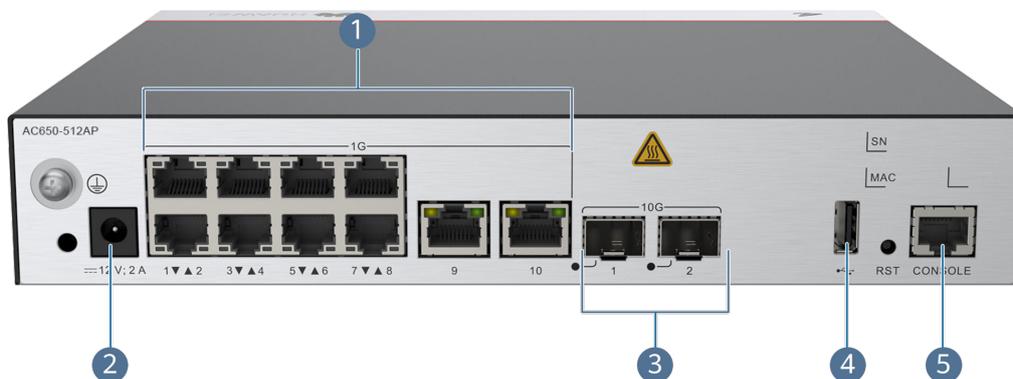
## Appearance

Figure 3-7 Appearance of the AC650-512AP



## Ports

Figure 3-8 Ports on the AC650-512AP



1	GE	2	DC 12V
3	10GE	4	USB
5	CONSOLE	-	-

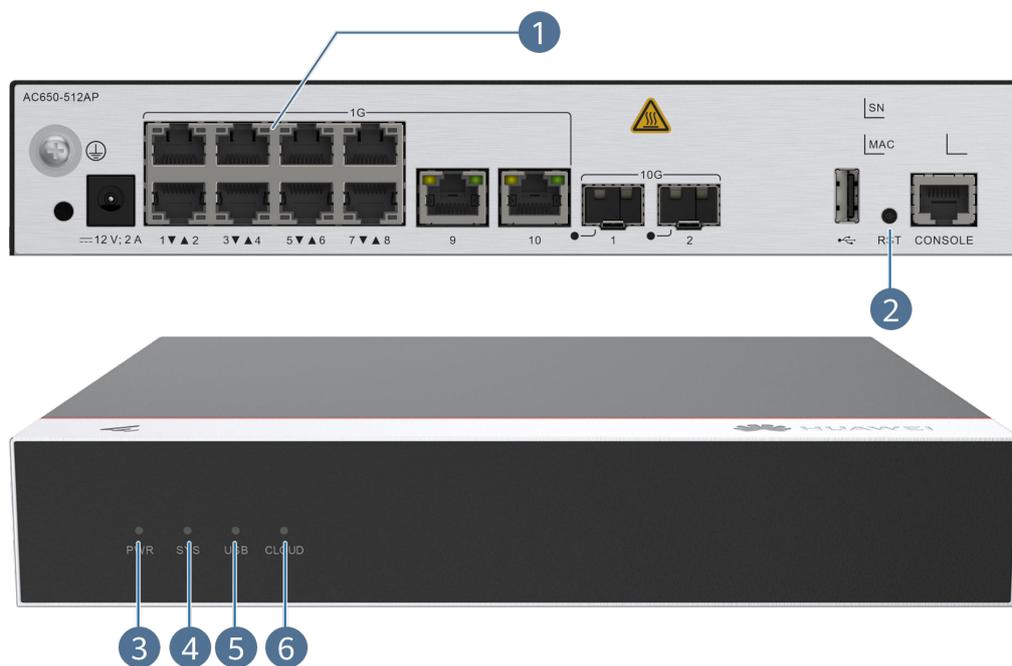
Table 3-12 Ports on the AC650-512AP

Port	Connector Type	Description	Available Components
GE	RJ45	10 x 10/100/1000BASE-T Ethernet electrical ports	Network cable

Port	Connector Type	Description	Available Components
10GE	SFP+	2 x 10GE SFP+ Ethernet optical ports	Optical module
DC 12V	DC connector	DC input connector	12 V DC power adapter
CONSOLE	RJ45	Console port	Console cable
USB	USB 2.0 Type A	USB port connecting to a USB flash drive or other storage device to extend the storage space.	USB storage device

## Indicators and Buttons

Figure 3-9 Indicators and buttons on the AC650-512AP



1	Service port indicators	2	RST button
3	PWR indicator	4	SYS indicator

5	USB indicator	6	CLOUD indicator
---	---------------	---	-----------------

**Table 3-13** Indicators on the AC650-512AP

Silkscreen	Name	Color	Status	Description
PWR	Power module indicator	-	Off	The system is not powered on or there is an internal power supply failure.
		Green	Steady on	Power supply is normal.
SYS	System status indicator	-	Off	The system is not running.
		Green	Steady on	The system is being powered on or restarted.
		Green	Blinking once every 0.25s (4 Hz)	The system is starting.
		Green	Slow blinking (0.5 Hz)	The system is running properly.
		Red	Steady on	The system is faulty.
USB	USB indicator	-	Off	No USB device is connected.
		Green	Steady on	A USB device is connected and working properly.
CLOUD	CLOUD indicator	-	Off	The device is not connected to a cloud management platform or the connection is interrupted.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	The connection to a cloud management platform is normal.
		Green	Blinking once every 0.25s (4 Hz)	The device is connecting to a cloud management platform.
-	GE electrical service port indicator	-	Off	The port is not connected or has been shut down.
		Green	Steady on	The link is established.
		Yellow	Blinking	The port is sending or receiving data.
-	10GE optical service port indicator	-	Off	No link is established on the port.
		Green	Steady on	The link is established.
		Green	Blinking	The port is sending or receiving data.

**Table 3-14** Buttons on the AC650-512AP

Silkscreen	Name	Description
RST	Reset button	<ul style="list-style-type: none"> <li>Press the reset button for no more than 3 seconds to reset the device manually. Resetting the device will cause service interruption. Exercise caution when using this button.</li> <li>Press and hold down the reset button for more than 5 seconds to restore the factory settings and restart the device.</li> </ul>

## Technical Specifications

**Table 3-15** Technical specifications of the AC650-512AP

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Rack</li> <li>Desk</li> <li>Wall</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Basic: 43.6 mm x 250 mm x 210 mm (1.72 in. x 9.84 in. x 8.27 in.) Maximum: 43.6 mm x 250 mm x 215 mm (1.72 in. x 9.84 in. x 8.46 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	110 mm x 465 mm x 335 mm (4.33 in. x 18.31 in. x 13.19 in.)
Weight without packaging [kg(lb)]	1.9kg
Weight with packaging [kg(lb)]	2.55 kg (5.62 lb)
Storage	Nand FLASH 1GB
Console port	RJ45
Maximum power consumption [W]	25.06 W
Maximum heat dissipation [BTU/hour]	85.50 BTU/hour
Power supply mode	DC power adapter
Service port surge protection	6 kV in common mode

Item	Specification
Types of fans	None
Maximum number of physical ports on the entire device	2 x 10GE (SFP+) + 10 x GE (RJ45)
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Ground
USB	1 x USB 2.0 (host type A) port
MTBF [year]	50 year
MTTR [hour]	2 hour

# 4 Indoor Settled AP

[4.1 AP673E](#)

[4.2 AP673](#)

[4.3 AP572](#)

[4.4 AP371](#)

[4.5 AP661](#)

[4.6 AP362](#)

[4.7 AP362E](#)

[4.8 AP361](#)

[4.9 AP361E](#)

## 4.1 AP673E

### Overview

**Table 4-1** Basic information about the AP673E

Item	Details
Description	AP673E(11be indoor,2+2+4 tri bands,smart antenna,USB,PoE OUT)
Part Number	50088144
Model	AP673E
First supported version	V600R024C10

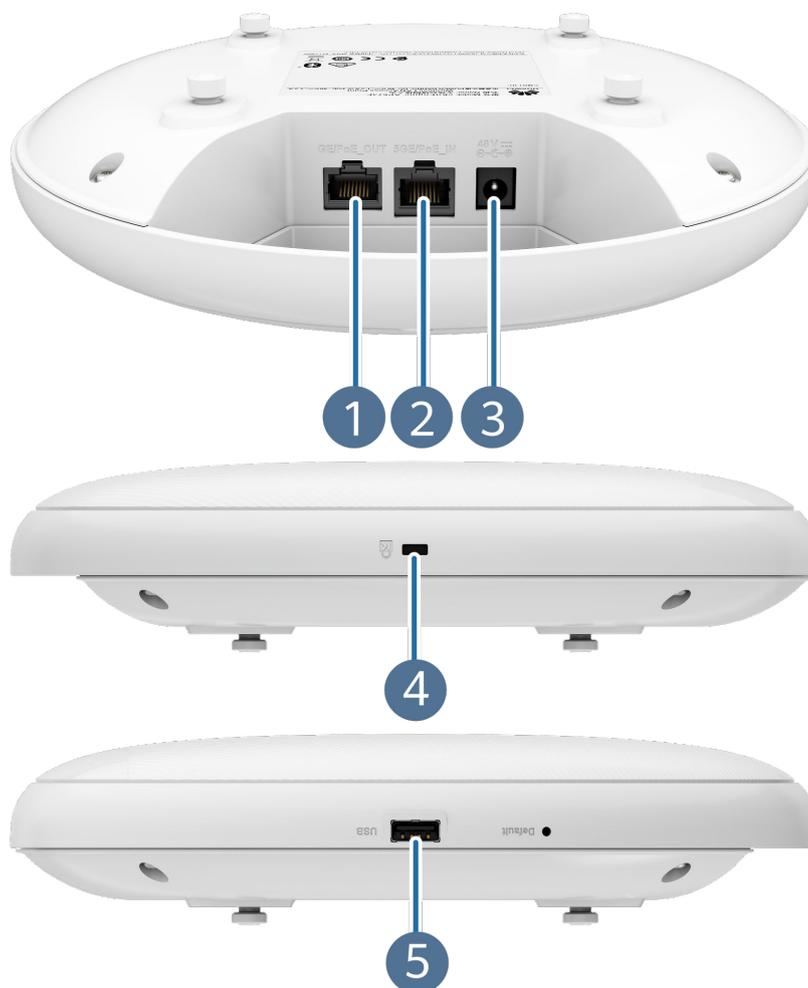
## Appearance

Figure 4-1 Appearance of the AP673E



## Ports

Figure 4-2 Ports on the AP673E



1	GE/PoE_OUT	2	5GE/PoE_IN
3	DC 48V	4	Security slot
5	USB	-	-

**Table 4-2** Ports on the AP673E

Port	Connector Type	Description	Available Components
5GE/PoE_IN	RJ45	Ethernet electrical port that supports 100M/1000M/2.5G/5G auto-sensing, connects to the wired Ethernet, and supports PoE input	Network cable
GE/PoE_OUT	RJ45	Ethernet electrical port that supports 10M/100M/1000 auto-sensing, connects to the wired Ethernet, and supports PoE out, with the maximum output power of 15.4 W.	Network cable
DC 48V	DC connector	DC power port, used to connect to a 48 V power adapter.	48 V power adapter (Do not use this component in regions with ERP requirements.)
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Indicators and Buttons

Figure 4-3 Indicators and buttons on the AP673E



1	Indicator	2	Default
---	-----------	---	---------

Table 4-3 Indicators on the AP673E

Silkscreen	Name	Color	Status	Description
-	System indicator	-	Off	The system is not running.
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>

Silkscreen	Name	Color	Status	Description
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The bottom-layer system is being started.</li> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>

Silkscreen	Name	Color	Status	Description
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R024C10 .
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R25C00 or later.
		Red	Steady on	The system is faulty.

**Table 4-4** Buttons on the AP673E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li> </ul>

## Technical Specifications

**Table 4-5** Technical specifications of the AP673E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Wall</li> <li>Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> <li>Junction Box (86 mm/1-Gang 120 mm/Octagonal/2-Gang 120 mm)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 220 mm x 45 mm (8.66 in. x 1.77 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	72 mm x 260 mm x 255 mm (2.83 in. x 10.24 in. x 10.04 in.)

Item	Specification
Weight without packaging [kg(lb)]	0.740 kg (1.63 lb)
Weight with packaging [kg(lb)]	1.225 kg (2.7 lb)
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	22.3 (excluding USB and PoE out)
Maximum heat dissipation [BTU/hour]	70 BTU/hour
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	DC: 48 V PoE: 802.3bt/at/af
Input voltage range [V]	DC: 43.2 V to 57.6 V PoE: 802.3bt/at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Supported
Maximum PoE output power [W]	The GE port supports PoE output, with the maximum output power of 15.4 W and a maximum transmission distance of 40 m.
Maximum number of physical ports on the entire device	5GE (RJ45) x 1, 100M/1000M/2500M/5000M auto-sensing GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)

Item	Specification
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	3
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5GH): 2x2 (high frequency band) Radio 2 (5GL): 4x4 (low frequency band)
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 4 dBi/chain (peak gain) 2 dBi (combined gain) 5 GHz-1: 5 dBi/chain (peak gain) 3 dBi (combined gain) 5 GHz-2: 5 dBi/chain (peak gain) 3 dBi (combined gain)
Maximum transmit power	2.4 GHz: 20 dBm/chain 23 dBm (combined power) 5 GHz (2x2): 20 dBm/chain 23 dBm (combined power) 5 GHz (4x4): 20 dBm/chain 26 dBm (combined power)

Item	Specification
Singal radio transmit power [dBm]	2.4 GHz: -10 dBm to +20 dBm/chain 5 GHz: -10 dBm to +20 dBm/chain 5 GHz: -10 dBm to +20 dBm/chain
MTBF [year]	115.823 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3bt, and no function is restricted.
802.3at power supply description	When the power supply mode is negotiated to 802.3at, the PoE OUT function is unavailable. In addition, when the 5 W USB power supply is used, the maximum transmit power of radios 0, 1, and 2 decreases by 3 dB.
802.3af power supply description	When the power supply mode is negotiated to 802.3af: The radio mode is restricted to 2.4 GHz (2x2) + 5 GHz (2x2). The USB power supply and PoE OUT function are unavailable. Other functions are not restricted.
DC power supply description	No function is limited.

## 4.2 AP673

### Overview

**Table 4-6** Basic information about the AP673

Item	Details
Description	AP673(11be indoor,2+2+4 tri bands,smart antenna,USB)
Part Number	50087291
Model	AP673
First supported version	V600R024C00

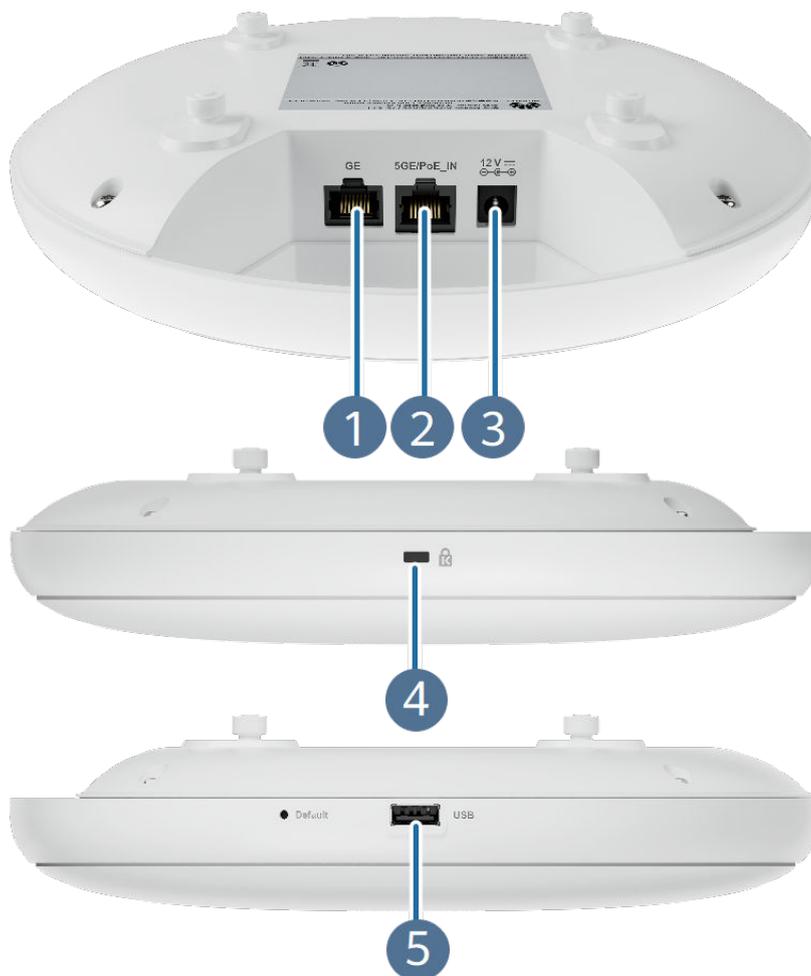
## Appearance

Figure 4-4 Appearance of the AP673



## Ports

Figure 4-5 Ports on the AP673



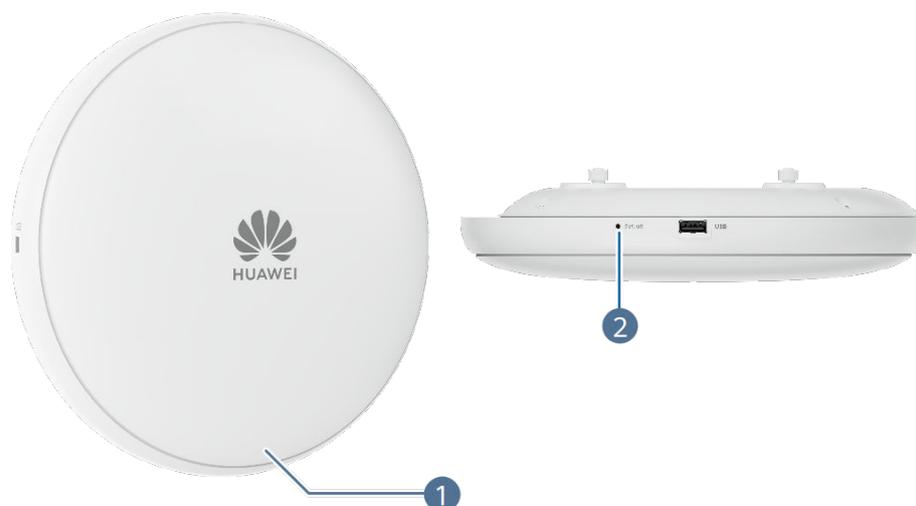
1	GE	2	5GE/PoE_IN
3	DC 12V	4	Security slot
5	USB	-	-

**Table 4-7** Ports on the AP673

Port	Connector Type	Description	Available Components
5GE/PoE_IN	RJ45	Ethernet electrical port that supports 100M/1000M/2.5G/5G auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable
GE	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V power adapter
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Indicators and Buttons

**Figure 4-6** Indicators and buttons on the AP673



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
---	-----------	---	---------

**Table 4-8** Indicators on the AP673

Silkscreen	Name	Color	Status	Description
-	System indicator	-	Off	The system is not running.
		Green	Steady on	<ul style="list-style-type: none"><li>• The system is just powered on.</li><li>• The system is starting after a reset.</li><li>• The upper-layer system is starting.</li></ul>
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The bottom-layer system is being started.</li> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported in V600R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings. This function is supported in V600R25C00 or later.
		Red	Steady on	The system is faulty.

**Table 4-9** Buttons on the AP673

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>• For V600R024C00: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.</li><li>• For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li><li>• For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li></ul>

## Technical Specifications

**Table 4-10** Technical specifications of the AP673

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> <li>• Junction Box (86 mm/1-Gang 120 mm/Octagonal/2-Gang 120 mm)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 220 mm x 45 mm (8.66 in. x 1.77 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	72 mm x 260 mm x 255 mm (2.83 in. x 10.24 in. x 10.04 in.)
Weight without packaging [kg(lb)]	0.745 kg (1.64 lb)
Weight with packaging [kg(lb)]	1.230 kg (2.71 lb)
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	21.1 W (excluding USB)
Maximum heat dissipation [BTU/hour]	66 BTU/hour
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	12 V
Input voltage range [V]	DC: 12 V $\pm$ 10% PoE: 802.3at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	5GE (RJ45) x 1, 100M/1000M/2500M/5000M auto-sensing GE (RJ45) x 1, 10M/100M/1000M auto-sensing

Item	Specification
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	3
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> <li>• 6GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2 Radio 2 (6 GHz): 4x4
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be 6 GHz: 802.11a/ax/be
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 4 dBi/chain (peak gain) 2 dBi (combined gain) 5 GHz: 5 dBi/chain (peak gain) 3 dBi (combined gain) 6 GHz: 5 dBi/chain (peak gain) 3 dBi (combined gain)

Item	Specification
Maximum transmit power	2.4 GHz: 20 dBm/chain 23 dBm (combined power)  5 GHz (2x2): 20 dBm/chain 23 dBm (combined power)  6 GHz (4x4): 20 dBm/chain 26 dBm (combined power)
Singal radio transmit power [dBm]	2.4 GHz: -10 dBm to +20 dBm/chain 5 GHz: -10 dBm to +20 dBm/chain 6 GHz: -10 dBm to +20 dBm/chain
MTBF [year]	110.878 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	When the power supply mode is negotiated to 802.3at:  When the USB port is not in use or the USB port works at the 2.5 W output power, no function is restricted.  When the USB port works at the 5 W output power, the maximum transmit power of radios 0, 1, and 2 all decreases by 3 dB and other functions are not restricted.
802.3at power supply description	When the power supply mode is negotiated to 802.3at:  When the USB port is not in use or the USB port works at the 2.5 W output power, no function is restricted.  When the USB port works at the 5 W output power, the maximum transmit power of radios 0, 1, and 2 all decreases by 3 dB and other functions are not restricted.

Item	Specification
802.3af power supply description	When the power supply mode is negotiated to 802.3af: Wi-Fi service: A maximum of 2.4 GHz (2x2) + 5 GHz (2x2) is supported. The USB power supply is unavailable, and other functions are not restricted.
DC power supply description	No function is limited.

## 4.3 AP572

### Overview

**Table 4-11** Basic information about the AP572

Item	Details
Description	AP572(11be indoor,2+4 dual bands,smart antenna,USB)
Part Number	50088143
Model	AP572
First supported version	V600R024C10

## Appearance

Figure 4-7 Appearance of the AP572



## Indicators and Buttons

Figure 4-8 Indicators and buttons on the AP572



Table 4-12 Indicators on the AP572

Silkscreen	Name	Color	Status	Description
-	System indicator	-	Off	The system is not running.
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>• The bottom-layer system is being started.</li> <li>• The software is being upgraded.</li> <li>• After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>

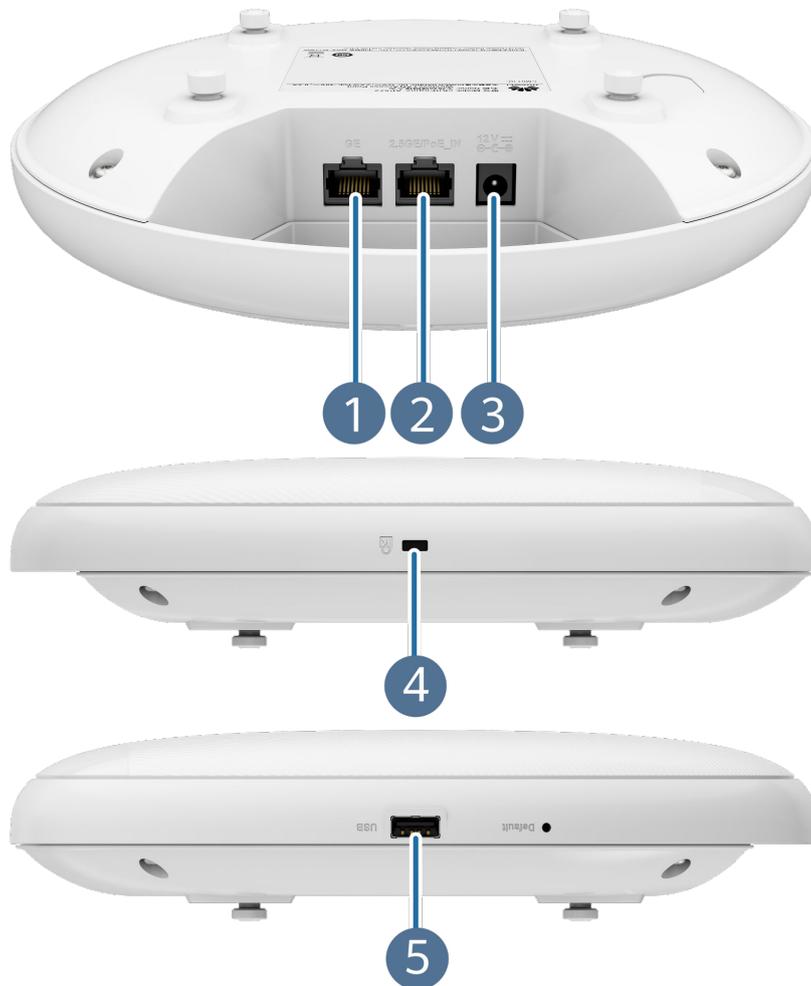
Silkscreen	Name	Color	Status	Description
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R024C10 .
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R25C00 or later.
		Red	Steady on	The system is faulty.

**Table 4-13** Buttons on the AP572

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>• For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li> </ul>

## Ports

Figure 4-9 Ports on the AP572



**Table 4-14** Ports on the AP572

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
GE	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V power adapter
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-
Management console port	Pin header socket	Management console port, allowing operations only by professionals	-

## Technical Specifications

**Table 4-15** Technical specifications of the AP572

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Wall</li> <li>Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> <li>Junction Box (86 mm/1-Gang 120 mm/Octagonal/2-Gang 120 mm)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 220 mm x 45 mm (8.66 in. x 1.77 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	72 mm x 260 mm x 255 mm (2.83 in. x 10.24 in. x 10.04 in.)

Item	Specification
Weight without packaging [kg(lb)]	0.730 kg (1.61 lb)
Weight with packaging [kg(lb)]	1.215 kg (2.68 lb)
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	14.8 W (excluding USB)
Maximum heat dissipation [BTU/hour]	48.0 BTU/hour
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	DC: 12 V PoE: 802.3at/af
Input voltage range [V]	DC: 12 V $\pm$ 10% PoE: 802.3at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Types of fans	None
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500M auto-sensing GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground

Item	Specification
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 4x4
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 4 dBi/chain (peak gain) 2 dBi (combined gain) 5 GHz: 5 dBi/chain (peak gain) 3 dBi (combined gain)
Maximum transmit power	2.4 GHz: 20 dBm/chain 23 dBm (combined power) 5 GHz (4x4): 20 dBm/chain 26 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	138.501 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3at power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.

Item	Specification
802.3af power supply description	When the power supply mode is negotiated to 802.3af: The radio mode is restricted to 2.4 GHz (2x2) + 5 GHz (2x2). The USB port is unavailable. Other functions are not restricted.
DC power supply description	No function is limited.

## 4.4 AP371

### Overview

**Table 4-16** Basic information about the AP371

Item	Details
Description	AP371 (11be indoor, 2+2 dual bands, smart antenna, USB)
Part Number	50087399-001
Model	AP371
First supported version	V600R023C10

## Appearance

Figure 4-10 Appearance of the AP371



## Ports

**Figure 4-11** Ports on the AP371



1	DC12V	2	2.5GE/PoE_IN
3	USB	4	Security slot
5	Management console port	-	-

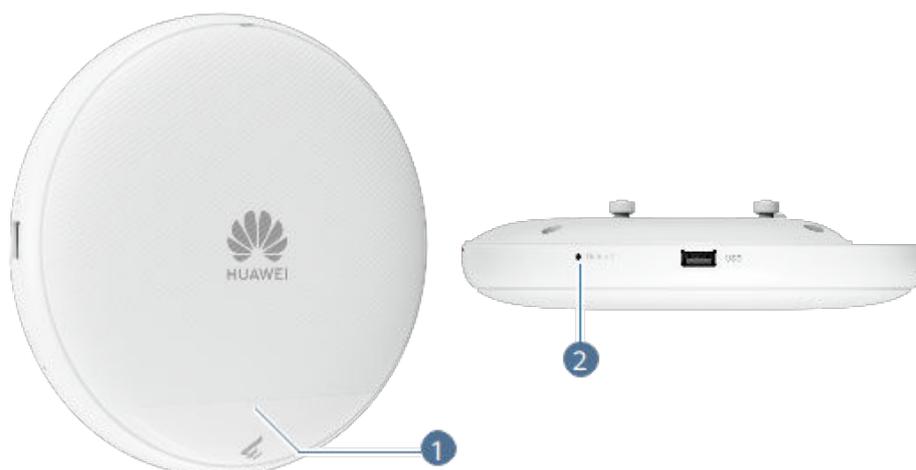
**Table 4-17** Ports on the AP371

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V DC power adapter

Port	Connector Type	Description	Available Components
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-
Management console port	Pin header socket	Management console port, allowing operations only by professionals	-

## Indicators and Buttons

Figure 4-12 Indicators and buttons on the AP371



1	Indicator	2	Default
---	-----------	---	---------

Table 4-18 Indicators on the AP371

Silkscreen	Name	Color	Status	Description
-	System indicator	-	Off	The system is not running.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	<ul style="list-style-type: none"><li>• The system is just powered on.</li><li>• The system is starting after a reset.</li><li>• The upper-layer system is starting.</li></ul>
		Green	Steady on after blinking once	After the hardware reset is cleared and the software starts, the indicator blinks once. Then, the indicator is steady on until the bottom-layer system starts.
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The bottom-layer system is being started.</li> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported in V600R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R25C00 or later.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 4-19** Buttons on the AP371

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>• For versions from V600R023C10 to V600R024C00: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.</li><li>• For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li><li>• For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li></ul>

## Technical Specifications

**Table 4-20** Technical specifications of the AP371

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	61 mm x 231 mm x 203 mm (2.40 in. x 9.09 in. x 7.99 in.)
Weight without packaging [kg(lb)]	0.47 kg (1.04 lb)
Weight with packaging [kg(lb)]	0.69 kg (1.52 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	13.3 (excluding USB)
Maximum heat dissipation [BTU/hour]	43.1 BTU/hour
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	12 V
Input voltage range [V]	DC: 12 V ± 10% PoE: 802.3at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500 Mbit/s auto-sensing
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)

Item	Specification
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 4 dBi/chain (peak gain) 1 dBi (combined gain) 5 GHz: 5 dBi/chain (peak gain) 3 dBi (combined gain)
Maximum transmit power	2.4 GHz: 20 dBm/chain 23 dBm (combined power) 5 GHz: 20 dBm/chain 23 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	158.215 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20

Item	Specification
802.3at power supply description	No function is limited.
802.3af power supply description	The USB power supply is not supported and other functions are not restricted.
DC power supply description	No function is limited.

## 4.5 AP661

### Overview

**Table 4-21** Basic information about the AP661

Item	Details
Description	AP661(11ax indoor,2+2+4 tri bands,smart antenna,USB,BLE)
Part Number	02355VFC
Model	AP661
First supported version	V200R023C10

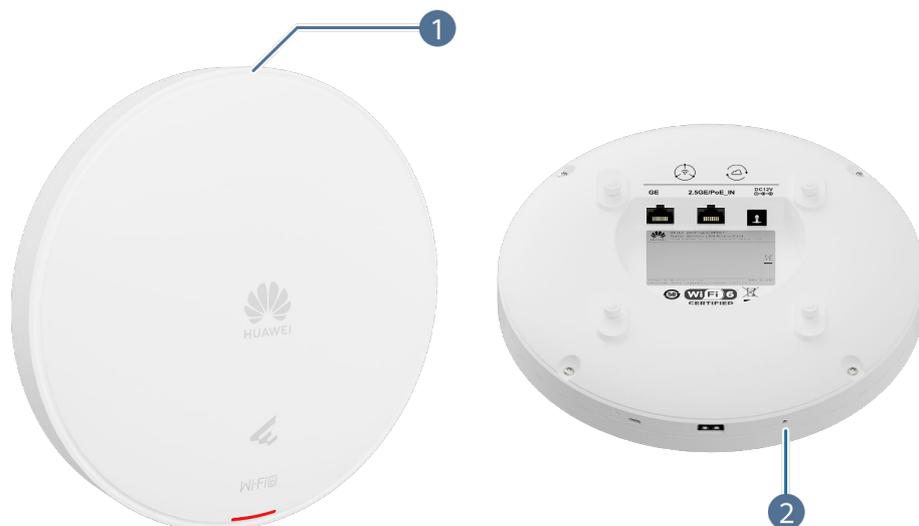
## Appearance

Figure 4-13 Appearance of the AP661



## Indicators and Buttons

Figure 4-14 Indicators and buttons on the AP661



**Table 4-22** Indicators on the AP661

Silkscreen	Name	Color	Status	Description
-	System indicator	-	Off	The system is not running.
		White	Steady on	<ul style="list-style-type: none"><li>• The system is just powered on.</li><li>• The system is starting after a reset.</li><li>• The upper-layer system is starting.</li></ul>
		White	Steady on after blinking once	After the hardware reset is cleared and the software starts, the indicator blinks once. Then, the indicator is steady on until the bottom-layer system starts.
		White	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		White	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		White	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The bottom-layer system is being started.</li> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Red (blinking red and white at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported only in V200R024C00 and V200R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	The system is faulty.

**Table 4-23** Buttons on the AP661

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>• For V200R023C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the cloud mode, and restarts.</li><li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red and white fast at the same time (causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li><li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li></ul>

## Ports

Figure 4-15 Ports on the AP661

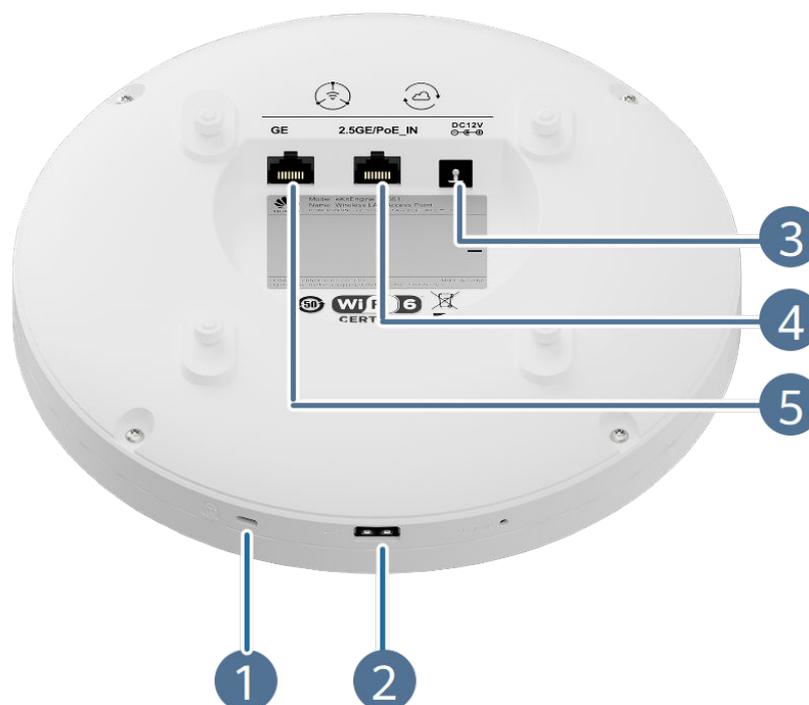


Table 4-24 Ports on the AP661

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
GE	RJ45	Ethernet electrical port that supports 10/100/1000M auto-sensing and connects to the wired Ethernet.	Network cable

Port	Connector Type	Description	Available Components
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V DC power adapter
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Technical Specifications

**Table 4-25** Technical specifications of the AP661

Item	Specification
Installation Type	<ul style="list-style-type: none"><li>Wall</li><li>Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li><li>Junction Box (86 mm/1-Gang 120 mm/Octagonal/2-Gang 120 mm)</li></ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 220 mm x 50 mm (8.66 in. x 1.97 in.)
Weight without packaging [kg(lb)]	1.08 kg (2.38 lb)
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	21.2 (excluding USB), 802.3at/af power supply
Power supply mode	<ul style="list-style-type: none"><li>PoE</li><li>DC power adapter</li></ul>
Rated input voltage [V]	12 V
Input voltage range [V]	DC: 12 V $\pm$ 10% PoE: 802.3at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 6 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported

Item	Specification
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2.5G auto-sensing GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	BLE5.2
Radio number	3
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5GH): 2x2 (high frequency band) Radio 2 (5GL): 4x4 (low frequency band)
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas

Item	Specification
Antenna gain	2.4G: 4 dBi/chain (peak value) 2 dBi (combined gain) 5G: 5 dBi/chain (peak value) 3 dBi (combined gain) BLE: 4 dBi
Maximum transmit power	2.4 GHz: 22 dBm/chain 25 dBm (combined power) 5 GHz (2x2): 20 dBm/chain 23 dBm (combined power) 5 GHz (4x4): 20 dBm/chain 26 dBm (combined power) BLE: < 10 dBm
Singal radio transmit power [dBm]	2.4G: -10 dBm to 22 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	96 year
MTTR [hour]	0.5 hour
Frequency stability [ppm]	+/-20
802.3at power supply description	No function is limited.
802.3af power supply description	Wi-Fi: 2.4 GHz (2x2) + 5 GHz (1x1, high band) + 5 GHz (1x1, low band). The maximum combined power is adjusted to 21 dBm (2.4 GHz radio) and 18 dBm (5 GHz radio). Wired network port: The 2.5GE/PoE_IN electrical port is used as a GE port, and the GE electrical port is unavailable. Other ports: The USB power supply is unavailable.
DC power supply description	No function is limited.

## 4.6 AP362

### Overview

**Table 4-26** Basic information about the AP362

Item	Details
Description	AP362(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50085706
Model	AP362
First supported version	V200R021C11

### Appearance

**Figure 4-16** Appearance of the AP362

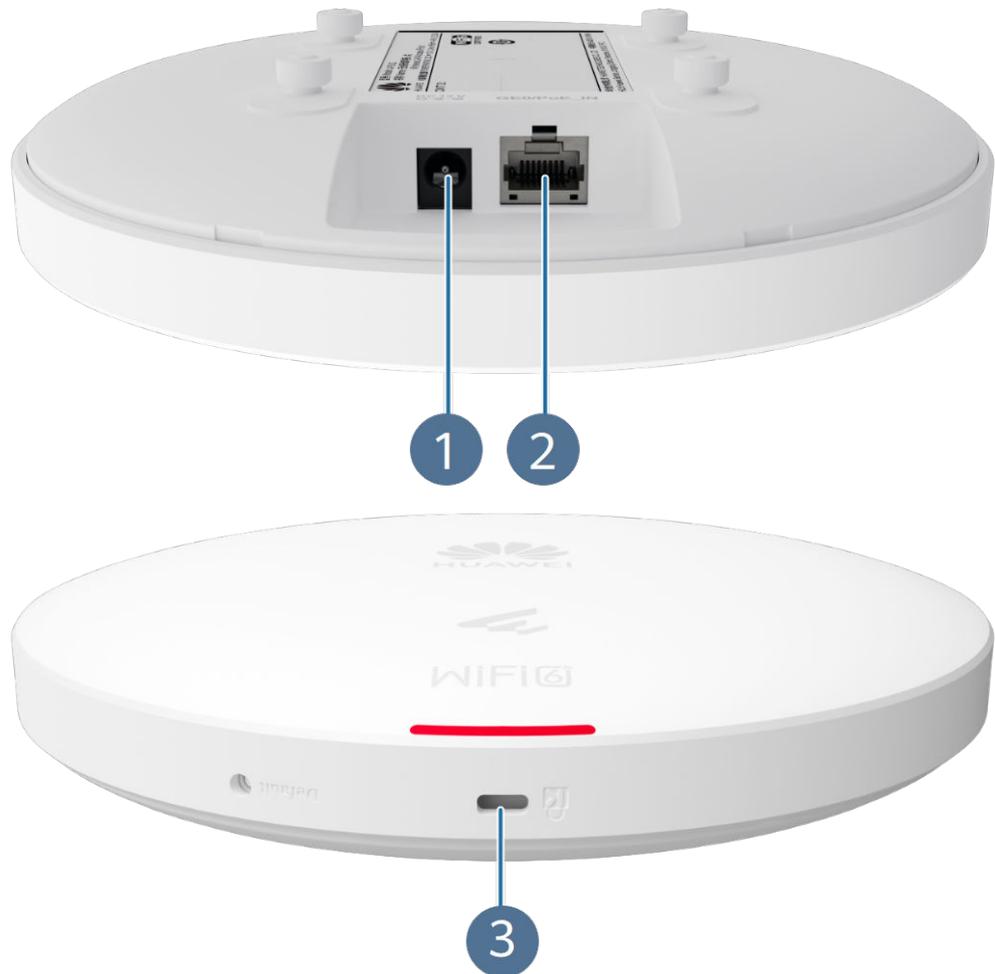


**NOTE**

The appearance of the AP362 and the text on the packaging materials vary slightly according to the delivery batch, which does not affect the use of the AP362.

## Ports

Figure 4-17 Ports on the AP362



1	DC12V	2	GE0/PoE_IN
3	Security slot	-	-

**Table 4-27** Ports on the AP362

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V DC power adapter

## Indicators and Buttons

**Figure 4-18** Indicators and buttons on the AP362



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
---	-----------	---	---------

**Table 4-28** Indicators on the AP362

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<p>The AP works in Fat or Fit mode.</p> <ul style="list-style-type: none"> <li>• The software is being upgraded.</li> <li>• In Fit mode, the AP is requesting to go online or fails to go online.</li> </ul>
		Blue	Slow blinking (0.5 Hz)	<p>The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.</p>
		Blue	Blinking once every 0.25s (4 Hz)	<p>The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).</p>

Silkscreen	Name	Color	Status	Description
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R024C00 and later versions.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 4-29** Buttons on the AP362

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>• For V200R023C00 and earlier versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.</li><li>• For V200R023C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the cloud mode, and restarts.</li><li>• For V200R024C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li></ul>

## Technical Specifications

**Table 4-30** Technical specifications of the AP362

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	200 mm x 231 mm x 52 mm (7.87 in. x 9.09 in. x 2.05 in.)
Weight without packaging [kg(lb)]	0.46 kg (1.01 lb)
Weight with packaging [kg(lb)]	0.80 kg (1.76 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	11.2 W
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	12 V
Input voltage range [V]	DC: 12 V ± 10% PoE: 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion C
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing

Item	Specification
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4G: 4 dBi/chain (peak) 2 dBi (combined gain) 5G: 5 dBi/chain (peak value) 3 dBi (combined gain)
Maximum transmit power	2.4 GHz: 17 dBm/chain 20 dBm (combined power) 5 GHz: 17 dBm/chain 20 dBm (combined power)
Singal radio transmit power [dBm]	2.4 GHz: -10 dBm to +17 dBm/chain 5 GHz: -10 dBm to +17 dBm/chain
MTBF [year]	205.07 year
MTTR [hour]	0.5 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	No function is limited.

Item	Specification
802.3at power supply description	No function is limited.
802.3af power supply description	No function is limited.
DC power supply description	No function is limited.

## 4.7 AP362E

### Overview

**Table 4-31** Basic information about the AP362E

Item	Details
Description	AP362E(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50087148
Model	AP362E
First supported version	V200R024C00

### Appearance

**Figure 4-19** Appearance of the AP362E



## Indicators and Buttons

Figure 4-20 Indicators and buttons on the AP362E

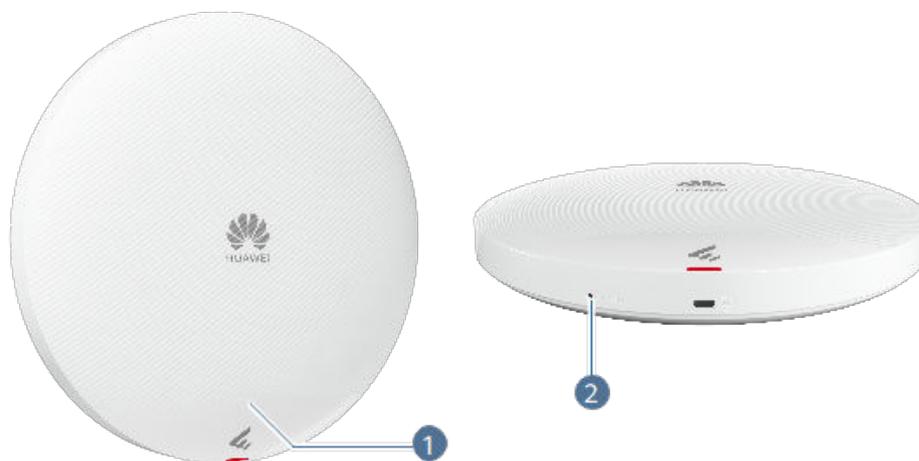


Table 4-32 Indicators on the AP362E

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.

Silkscreen	Name	Color	Status	Description
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	The AP works in Fat or Fit mode. <ul style="list-style-type: none"><li>• The software is being upgraded.</li><li>• In Fit mode, the AP is requesting to go online or fails to go online.</li></ul>
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.

Silkscreen	Name	Color	Status	Description
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings. This function is supported only in V200R024C00 and V200R024C10.
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings. This function is supported in V200R25C00 or later.

Silkscreen	Name	Color	Status	Description
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 4-33** Buttons on the AP362E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li><li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li></ul>

## Ports

**Figure 4-21** Ports on the AP362E



**Table 4-34** Ports on the AP362E

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable

## Technical Specifications

**Table 4-35** Technical specifications of the AP362E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	200 mm x 231 mm x 61 mm (7.87 in. x 9.09 in. x 2.40 in.)
Weight without packaging [kg(lb)]	0.45 kg (0.99 lb)
Weight with packaging [kg(lb)]	0.75 kg (1.65 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	9.4 W
Maximum heat dissipation [BTU/hour]	32.1 BTU/hour
Power supply mode	PoE
Rated input voltage [V]	NA
Input voltage range [V]	PoE: 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing

Item	Specification
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4G: 4 dBi/chain (peak) 2 dBi (combined gain) 5G: 5 dBi/chain (peak value) 3 dBi (combined gain)
Maximum transmit power	2.4G: 20 dBm/chain 23 dBm (combined power) 5G: 20 dBm/chain 23 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: 0 dBm to 20 dBm/chain 5G: 0 dBm to 20 dBm/chain
MTBF [year]	440.3 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.

Item	Specification
802.3at power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
802.3af power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
DC power supply description	Not supported

## 4.8 AP361

### Overview

**Table 4-36** Basic information about the AP361

Item	Details
Description	AP361(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50086871
Model	AP361
First supported version	V200R023C00

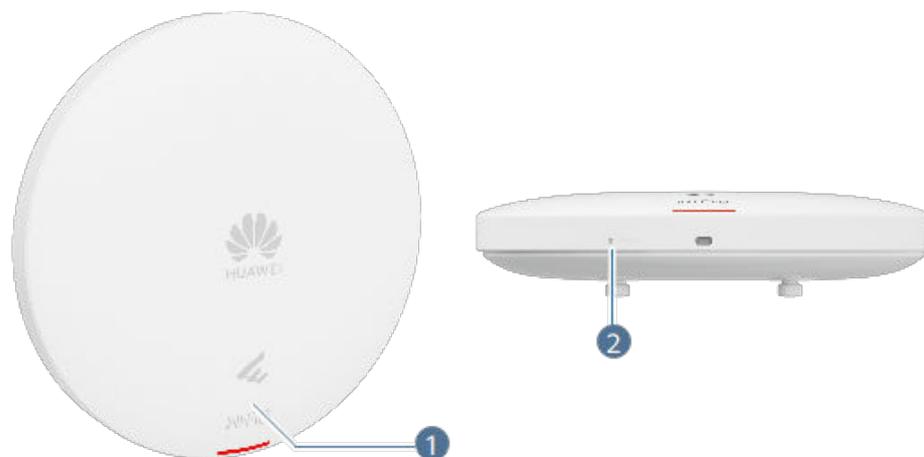
## Appearance

Figure 4-22 Appearance of the AP361



## Indicators and Buttons

Figure 4-23 Indicators and buttons on the AP361



**Table 4-37** Indicators on the AP361

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<p>The AP works in Fat or Fit mode.</p> <ul style="list-style-type: none"> <li>• The software is being upgraded.</li> <li>• In Fit mode, the AP is requesting to go online or fails to go online.</li> </ul>
		Blue	Slow blinking (0.5 Hz)	<p>The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.</p>
		Blue	Blinking once every 0.25s (4 Hz)	<p>The AP works in cloud mode, and is upgrading the software or is connecting to the cloud management controller (including reconnection after disconnection).</p>

Silkscreen	Name	Color	Status	Description
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported only in V200R024C00 and V200R024C10 .
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 4-38** Buttons on the AP361

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V200R023C00: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>• For V200R023C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li> </ul>

## Ports

Figure 4-24 Ports on the AP361



**Table 4-39** Ports on the AP361

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable

## Technical Specifications

**Table 4-40** Technical specifications of the AP361

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Wall</li> <li>Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	200 mm x 231 mm x 61 mm (7.87 in. x 9.09 in. x 2.40 in.)
Weight without packaging [kg(lb)]	0.45 kg (0.99 lb)
Weight with packaging [kg(lb)]	0.75 kg (1.65 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	9.4 W
Maximum heat dissipation [BTU/hour]	32.1 BTU/hour
Power supply mode	PoE
Rated input voltage [V]	NA
Input voltage range [V]	PoE: 802.3af

Item	Specification
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4G: 802.11b/g/n/ax 5G: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas

Item	Specification
Antenna gain	2.4G: 4 dBi/chain (peak) 2 dBi (combined gain) 5G: 5 dBi/chain (peak value) 3 dBi (combined gain)
Maximum transmit power	2.4 GHz: 20 dBm/chain 23 dBm (combined power) 5 GHz: 20 dBm/chain 23 dBm (combined power) <b>NOTE</b> In V200R024C10 and later versions, the combined power is increased to 23 dBm by default. In versions earlier than V200R024C10, the combined power is only 20 dBm. To increase the transmit power for the AP running an earlier version, install the corresponding patch by referring to the announcement on the official website.
Singal radio transmit power [dBm]	2.4 GHz: 0–20 dBm/chain 5 GHz: 0–20 dBm/chain <b>NOTE</b> In V200R024C10 and later versions, the transmit power of a radio is increased to 20 dBm per chain by default. In versions earlier than V200R024C10, the transmit power of a radio is only 17 dBm per chain. To increase the transmit power of a single radio in earlier versions, install the corresponding patch by referring to the announcement on the official website.
MTBF [year]	440.3 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	No function is limited.
802.3at power supply description	No function is limited.
802.3af power supply description	No function is limited.
DC power supply description	DC power supply is not supported.

## 4.9 AP361E

### Overview

**Table 4-41** Basic information about the AP361E

Item	Details
Description	AP361E(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50087868
Model	AP361E
First supported version	V200R024C00

### Appearance

**Figure 4-25** Appearance of the AP361E



## Indicators and Buttons

Figure 4-26 Indicators and buttons on the AP361E

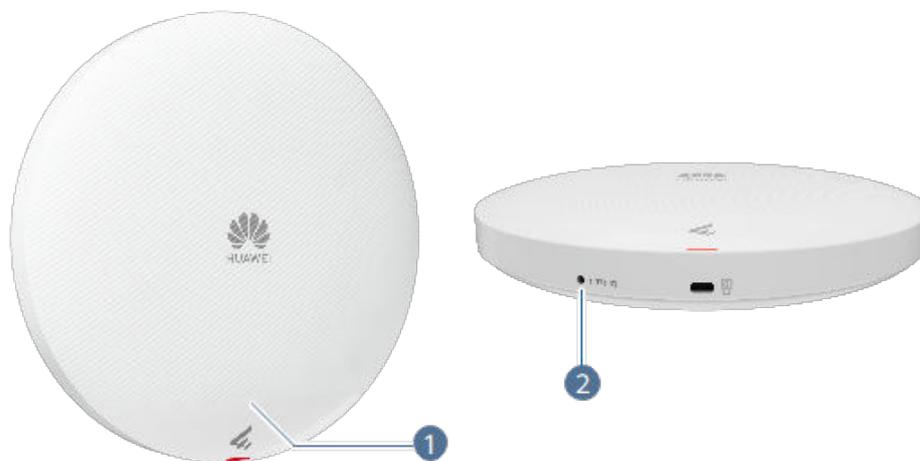


Table 4-42 Indicators on the AP361E

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.

Silkscreen	Name	Color	Status	Description
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	The AP works in Fat or Fit mode. <ul style="list-style-type: none"><li>• The software is being upgraded.</li><li>• In Fit mode, the AP is requesting to go online or fails to go online.</li></ul>
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.

Silkscreen	Name	Color	Status	Description
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings. This function is supported only in V200R024C00 and V200R024C10.
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings. This function is supported in V200R25C00 or later.

Silkscreen	Name	Color	Status	Description
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 4-43** Buttons on the AP361E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li> </ul>

## Ports

Figure 4-27 Ports on the AP361E

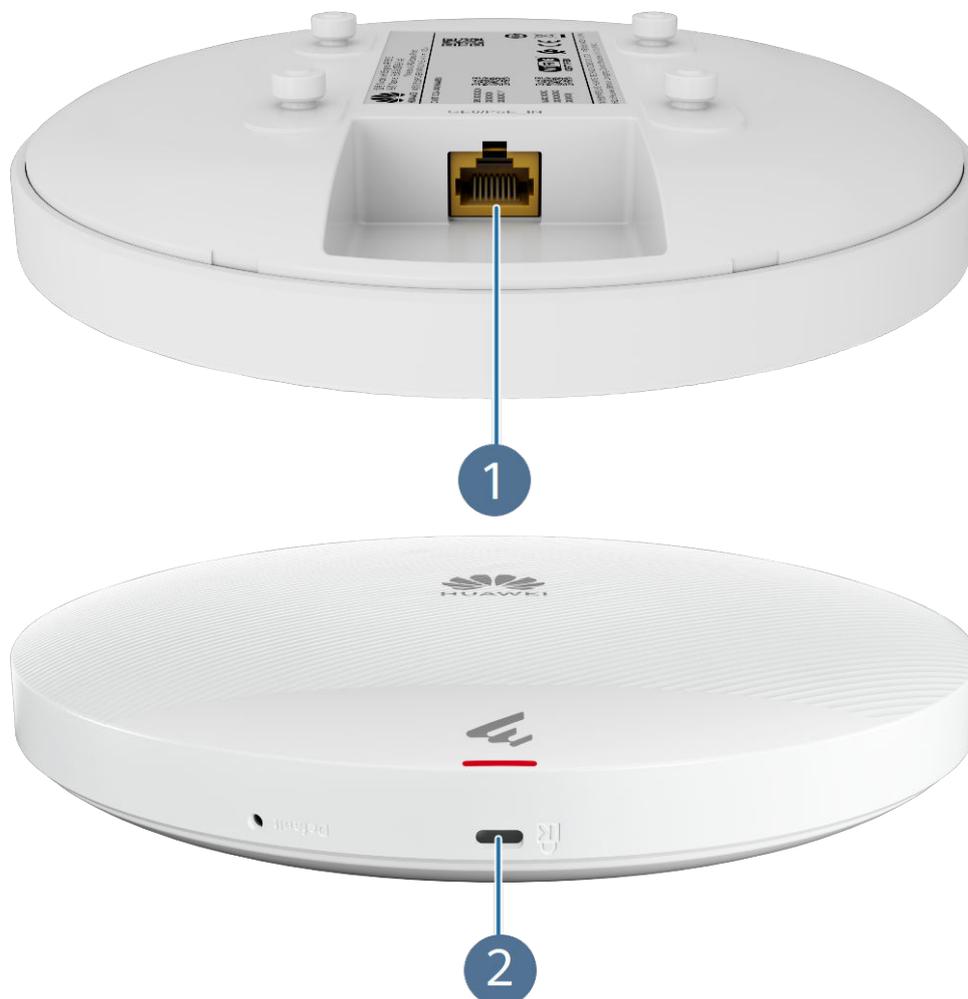


Table 4-44 Ports on the AP361E

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable

## Technical Specifications

**Table 4-45** Technical specifications of the AP361E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	200 mm x 231 mm x 61 mm (7.87 in. x 9.09 in. x 2.40 in.)
Weight without packaging [kg(lb)]	0.45 kg (0.99 lb)
Weight with packaging [kg(lb)]	0.75 kg (1.65 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	9.4 W
Maximum heat dissipation [BTU/hour]	32.1 BTU/hour
Power supply mode	PoE
Rated input voltage [V]	NA
Input voltage range [V]	PoE: 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing

Item	Specification
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4G: 4 dBi/chain (peak) 2 dBi (combined gain) 5G: 5 dBi/chain (peak value) 3 dBi (combined gain)
Maximum transmit power	2.4G: 20 dBm/chain 23 dBm (combined power) 5G: 20 dBm/chain 23 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: 0 dBm to 20 dBm/chain 5G: 0 dBm to 20 dBm/chain
MTBF [year]	440.3 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.

Item	Specification
802.3at power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
802.3af power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
DC power supply description	Not supported

# 5 Common Wall Plate AP

---

[5.1 AP271E](#)

[5.2 AP266](#)

[5.3 AP265E](#)

[5.4 AP263](#)

## 5.1 AP271E

### Overview

**Table 5-1** Basic information about the AP271E

Item	Details
Description	AP271E(11be indoor,2+2 dual bands,smart antenna,USB)
Part Number	50088141
Model	AP271E
First supported version	V600R024C10

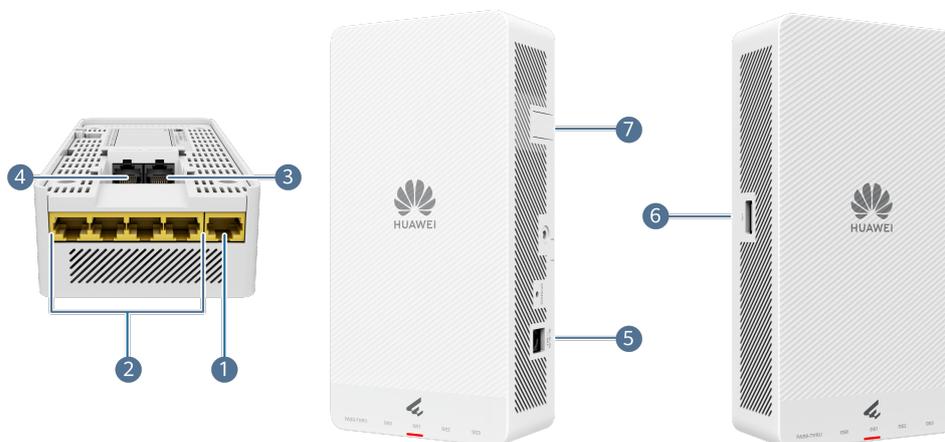
## Appearance

**Figure 5-1** Appearance of the AP271E



## Ports

Figure 5-2 Ports on the AP271E



1	PASS-THRU	2	GEO~GE3
3	PASS-THRU	4	2.5G/PoE_IN
5	DC12V	6	USB

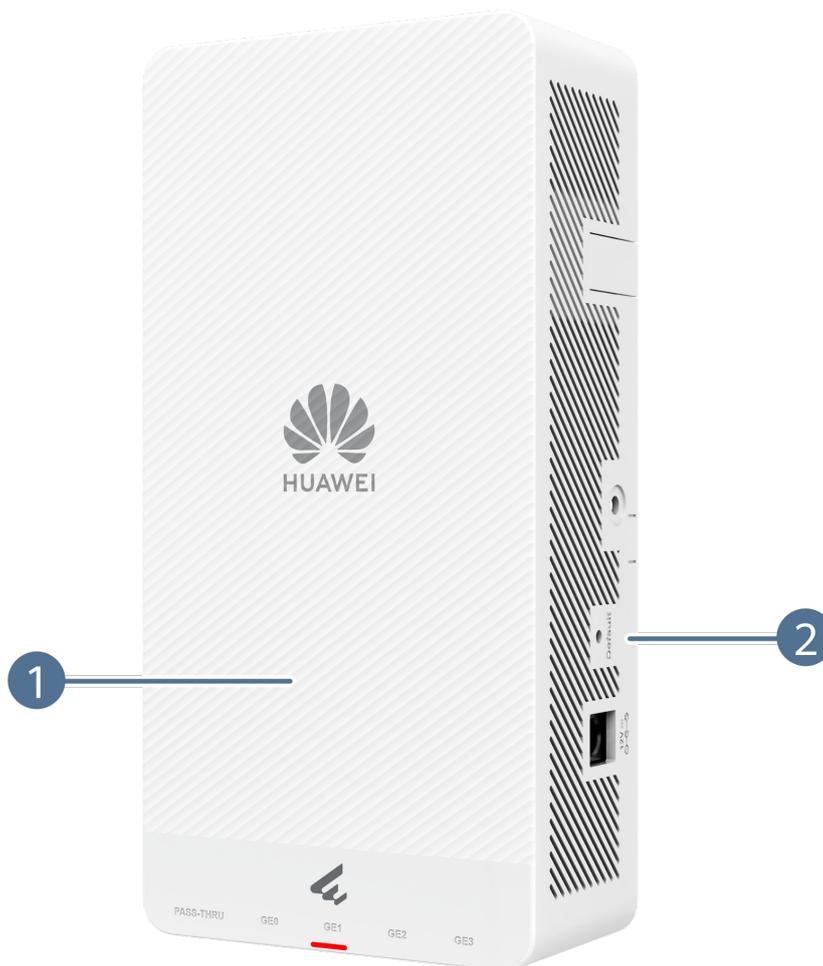
Table 5-2 Ports on the AP271E

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
GEO	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable

Port	Connector Type	Description	Available Components
GE1	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
GE2	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
GE3	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V DC power adapter
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-
PASS-THRU	RJ45	A pair of RJ45 passthrough ports for transparent transmission and interconnection with Ethernet cables or telephone lines.	Network cable or telephone line
Management console port	Pin row	Management console port, allowing operations only by professionals	-

## Indicators and Buttons

Figure 5-3 Indicators and buttons on the AP271E



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
---	-----------	---	---------

Table 5-3 Indicators on the AP271E

Silkscreen	Name	Color	Status	Description
-	System indicator	-	Off	The system is not running.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>
		Green	Steady on after blinking once	After the hardware reset is cleared and the software starts, the indicator blinks once. Then, the indicator is steady on until the system starts.
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported in V200R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	The system is faulty.

**Table 5-4** Buttons on the AP271E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>For V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>For V200R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li> </ul>

## Technical Specifications

**Table 5-5** Technical specifications of the AP271E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Ceiling</li> <li>• Junction Box (86 mm/1-Gang 120 mm/Octagonal)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	175 mm x 86 mm x 45 mm (6.89 in. x 3.39 in. x 1.77 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	72 mm x 245 mm x 118 mm (2.83 in. x 9.65 in. x 4.65 in.)
Weight without packaging [kg(lb)]	0.405 kg (0.89 lb)
Weight with packaging [kg(lb)]	0.65 kg (1.43 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	13.2 (excluding USB)
Maximum heat dissipation [BTU/hour]	42.8 BTU/hour
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	DC: 12 V PoE: 802.3at/af
Input voltage range [V]	DC: 12 V ± 10% PoE: 802.3at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 4, 10M/100M/1000M auto-sensing 2.5GE (RJ45) x 1, 100M/1000M/2500M auto-sensing PASS-THRU (RJ45) x 2

Item	Specification
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	USB 2.0, power supply: 2.5 W/5 W
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 5 dBi/chain (peak gain) 3 dBi (combined gain) 5 GHz: 5 dBi/chain (peak gain) 3 dBi (combined gain)
Maximum transmit power	2.4 GHz: 20 dBm/chain 23 dBm (combined power) 5 GHz: 20 dBm/chain 23 dBm (combined power)

Item	Specification
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	157.6381617 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3at power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3af power supply description	When the power supply mode is negotiated to 802.3af, the USB power supply is not supported and other functions are not restricted.
DC power supply description	No function is limited.

## 5.2 AP266

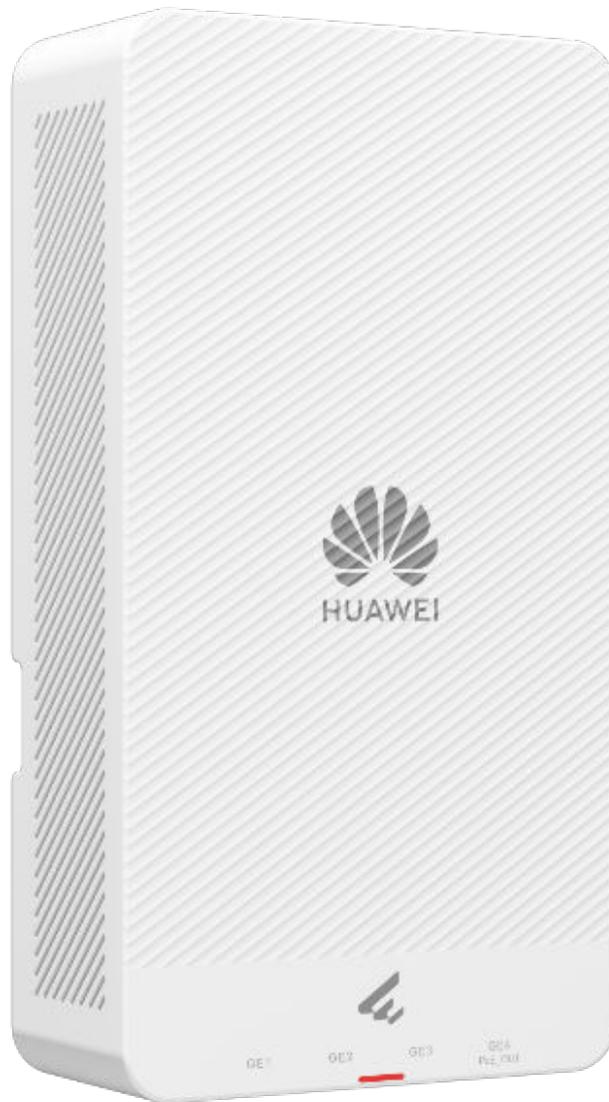
### Overview

**Table 5-6** Basic information about the AP266

Item	Details
Description	AP266(11ax indoor,2+2 dual bands,smart antenna,PSE)
Part Number	50087274
Model	AP266
First supported version	V200R024C00

## Appearance

Figure 5-4 Appearance of the AP266



## Indicators and Buttons

Figure 5-5 Indicators and buttons on the AP266

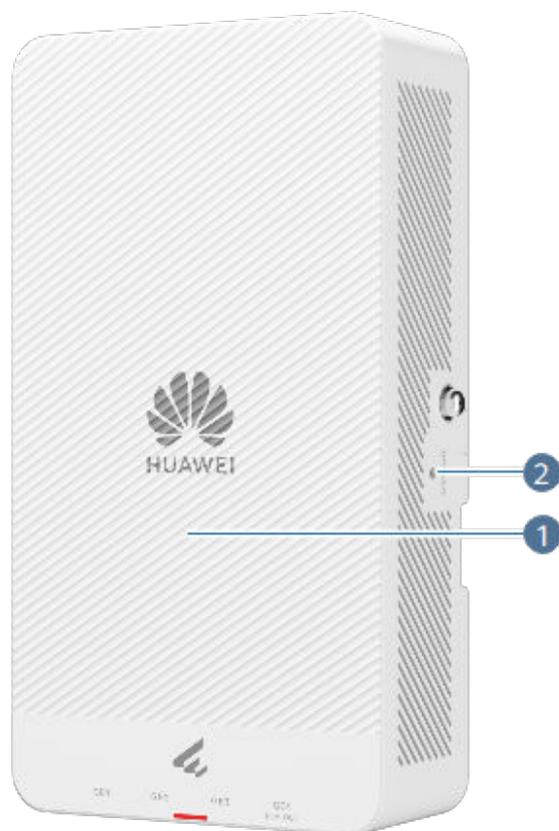


Table 5-7 Indicators on the AP266

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.

Silkscreen	Name	Color	Status	Description
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	The AP works in Fat or Fit mode. <ul style="list-style-type: none"><li>• The software is being upgraded.</li><li>• In Fit mode, the AP is requesting to go online or fails to go online.</li></ul>

Silkscreen	Name	Color	Status	Description
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported only in V200R024C00 and V200R024C10.

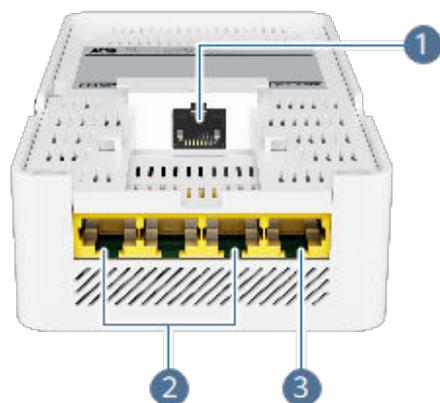
Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 5-8** Buttons on the AP266

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li> </ul>

## Ports

**Figure 5-6** Ports on the AP266



**Table 5-9** Ports on the AP266

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the uplink wired Ethernet, and supports PoE input.	Network cable
GE1 to GE3	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the downlink wired Ethernet	Network cable

Port	Connector Type	Description	Available Components
GE4/PoE_OUT	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the downlink wired Ethernet, and supports PoE output.	Network cable

## Technical Specifications

**Table 5-10** Technical specifications of the AP266

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Desk</li> <li>• Wall</li> <li>• Ceiling (Gypsum Board)</li> <li>• Junction Box (86 mm/1-Gang 120 mm/Octagonal)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	160 mm x 86 mm x 38 mm (6.30 in. x 3.39 in. x 1.50 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	187 mm x 108 mm x 68 mm (7.36 in. x 4.25 in. x 2.68 in.)
Weight without packaging [kg(lb)]	0.23 kg (0.51 lb)
Weight with packaging [kg(lb)]	0.42 kg (0.93 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	9.4 W (excluding PoE out)
Maximum heat dissipation [BTU/hour]	32.07 BTU/hour
Power supply mode	PoE
Rated input voltage [V]	NA
Input voltage range [V]	PoE: 802.3at/af

Item	Specification
Service port surge protection	PoE ports: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B Non-PoE ports: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Supported
Maximum PoE output power [W]	15 W
Maximum number of physical ports on the entire device	GE (RJ45) x 5, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"><li>• 2.4GHz</li><li>• 5GHz</li></ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas

Item	Specification
Antenna gain	2.4G: 4 dBi/chain (peak value) 2 dBi (combined gain) 5G: 4 dBi/chain (peak value) 1 dBi (combined gain)
Maximum transmit power	2.4G: 20 dBm/chain 23 dBm (combined power) 5G: 20 dBm/chain 23 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	235.46 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3at power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3af power supply description	The power supply mode is negotiated to 802.3af, and the PSE out function is unavailable.
DC power supply description	Not supported

## 5.3 AP265E

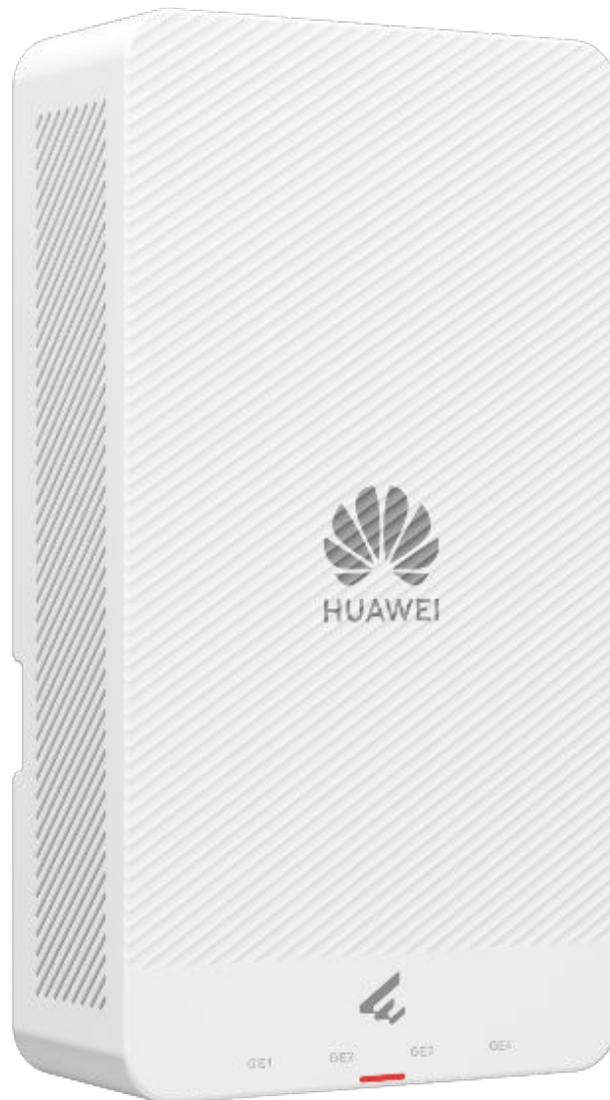
## Overview

**Table 5-11** Basic information about the AP265E

Item	Details
Description	AP265E(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50087273
Model	AP265E
First supported version	V200R024C00

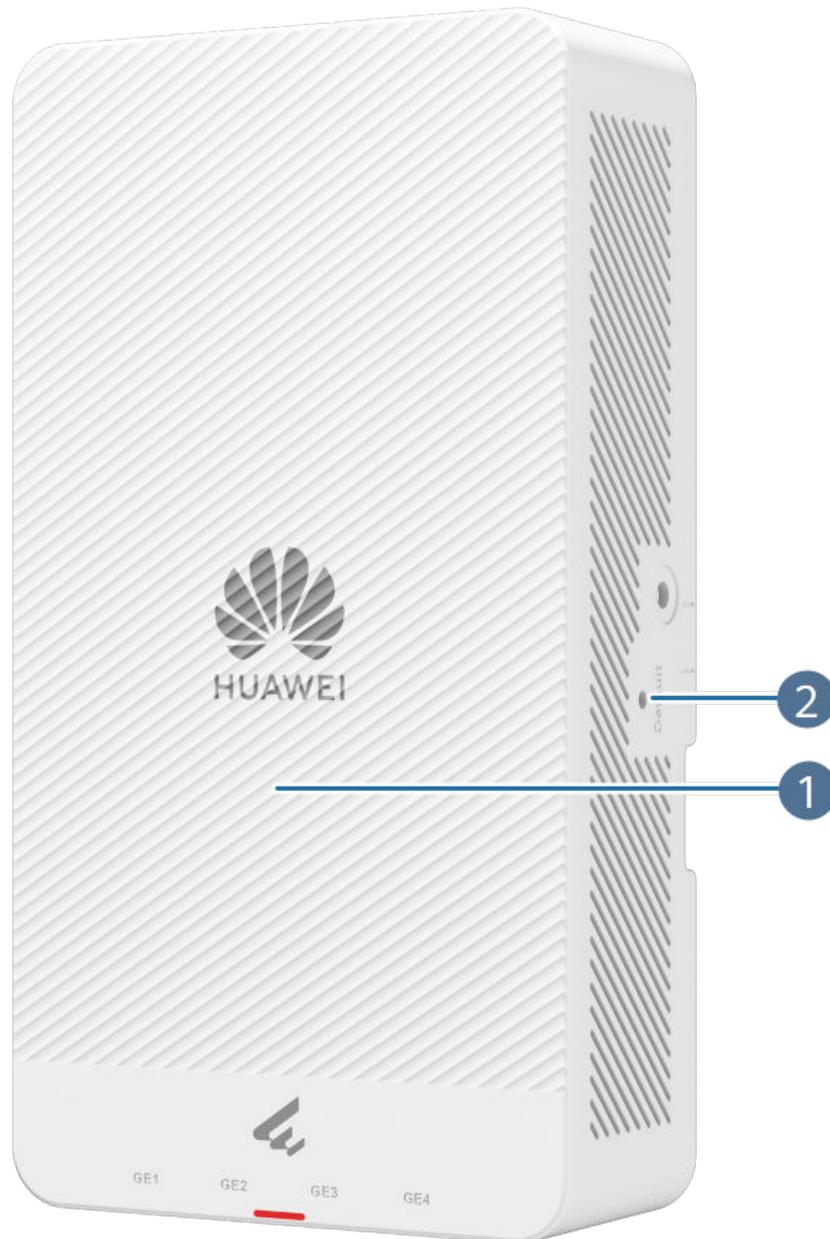
## Appearance

Figure 5-7 Appearance of the AP265E



## Indicators and Buttons

Figure 5-8 Indicators and buttons on the AP265E



**Table 5-12** Indicators on the AP265E

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<p>The AP works in Fat or Fit mode.</p> <ul style="list-style-type: none"> <li>• The software is being upgraded.</li> <li>• In Fit mode, the AP is requesting to go online or fails to go online.</li> </ul>
		Blue	Slow blinking (0.5 Hz)	<p>The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.</p>
		Blue	Blinking once every 0.25s (4 Hz)	<p>The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).</p>

Silkscreen	Name	Color	Status	Description
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported only in V200R024C00 and V200R024C10 .
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 5-13** Buttons on the AP265E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li> </ul>

## Ports

Figure 5-9 Ports on the AP265E

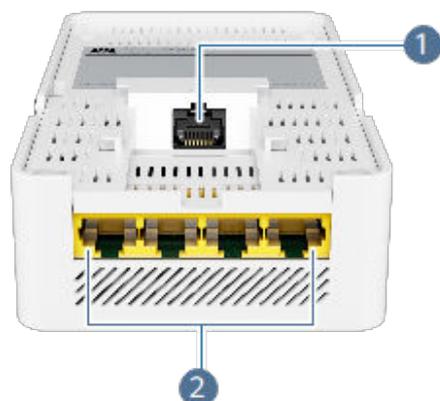


Table 5-14 Ports on the AP265E

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable
GE1	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
GE2	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable

Port	Connector Type	Description	Available Components
GE3	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
GE4	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable

## Technical Specifications

**Table 5-15** Technical specifications of the AP265E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Desk</li> <li>• Wall</li> <li>• Ceiling (Gypsum Board)</li> <li>• Junction Box (86 mm/1-Gang 120 mm/Octagonal)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	160 mm x 86 mm x 38 mm (6.30 in. x 3.39 in. x 1.50 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	187 mm x 108 mm x 68 mm (7.36 in. x 4.25 in. x 2.68 in.)
Weight without packaging [kg(lb)]	0.23 kg (0.51 lb)
Weight with packaging [kg(lb)]	0.42 kg (0.93 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	9.4 W
Maximum heat dissipation [BTU/hour]	32.07 BTU/hour
Power supply mode	PoE
Rated input voltage [V]	NA

Item	Specification
Input voltage range [V]	PoE: 802.3af
Service port surge protection	PoE ports: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B Non-PoE ports: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 5, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas

Item	Specification
Antenna gain	2.4G: 4 dBi/chain (peak value) 2 dBi (combined gain) 5G: 4 dBi/chain (peak value) 1 dBi (combined gain)
Maximum transmit power	2.4G: 20 dBm/chain 23 dBm (combined power) 5G: 20 dBm/chain 23 dBm (combined power)
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain
MTBF [year]	289.18 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
802.3at power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
802.3af power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
DC power supply description	Not supported

## 5.4 AP263

### Overview

**Table 5-16** Basic information about the AP263

Item	Details
Description	AP263(11ax indoor,2+2 dual bands,smart antenna,USB,BLE)
Part Number	50084981

Item	Details
Model	AP263
First supported version	V200R021C01

## Appearance

Figure 5-10 Appearance of the AP263

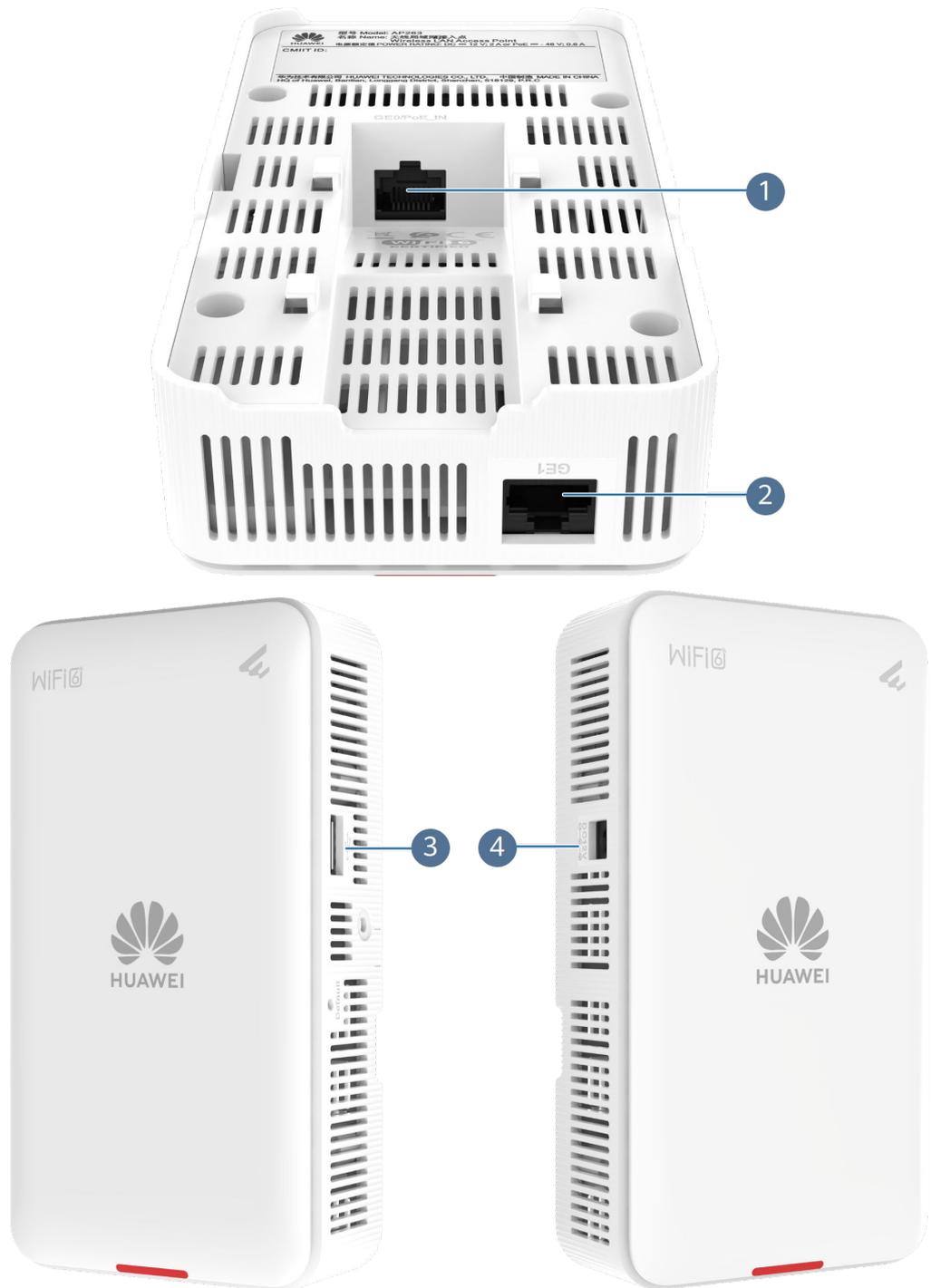


### NOTE

The text on the packaging materials of the AP263 varies slightly according to the delivery batch, which does not affect the use of the AP.

## Ports

Figure 5-11 Ports on the AP263



1	GE0/PoE_IN	2	GE1
---	------------	---	-----

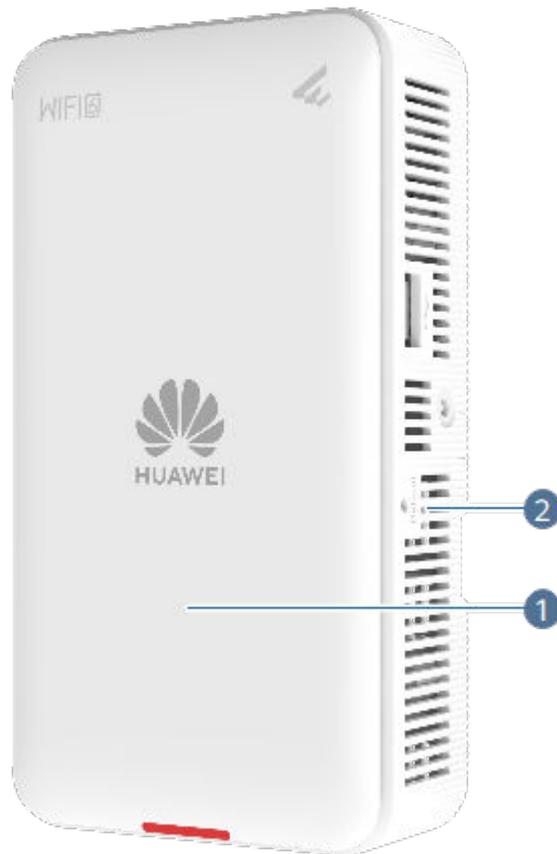
3	USB	4	DC 12V
---	-----	---	--------

**Table 5-17** Ports on the AP263

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable
GE1	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable
DC 12V	DC connector	Connects to a 12 V power adapter.	12 V DC power adapter
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Indicators and Buttons

Figure 5-12 Indicators and buttons on the AP263



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
---	-----------	---	---------

**Table 5-18** Indicators on the AP263

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	Default status after power-on. The AP is just powered on and the software is not started yet.
		Green	Steady on after blinking once	Software startup status. After the system is reset and starts uploading the software, the indicator blinks white once. Until the software is uploaded and started, the indicator remains steady white.
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP. This state is supported in V200R022C00 and later versions.

Silkscreen	Name	Color	Status	Description
		Green	Slow blinking (0.2 Hz)	The AP is running properly, and the Ethernet connection is normal.  For V200R022C00 and later versions, this state also indicates that no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<p>Alarm.</p> <ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online if it works in Fit AP or cloud-based management mode. The indicator remains in this state before the AP successfully goes online.</li> <li>The AP works in Fit AP or cloud-based management mode and fails to go online.</li> </ul>

Silkscreen	Name	Color	Status	Description
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R024C00 and later versions.
		Red	Steady on	Fault. A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 5-19** Buttons on the AP263

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>• For versions earlier than V200R021C11: Hold down the button for more than 3 seconds to restore the factory settings and restart the device.</li><li>• For versions from V200R021C11 to V200R023C00: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.</li><li>• For V200R023C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the cloud mode, and restarts.</li><li>• For V200R024C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li></ul>

## Technical Specifications

**Table 5-20** Technical specifications of the AP263

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Desk</li> <li>• Wall</li> <li>• Ceiling (Gypsum Board)</li> <li>• Junction Box (86 mm/1-Gang 120 mm/Octagonal)</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	160 mm x 86 mm x 38 mm (6.30 in. x 3.39 in. x 1.50 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	75 mm x 205 mm x 115 mm (2.95 in. x 8.07 in. x 4.53 in.)
Weight without packaging [kg(lb)]	0.320 kg (0.705 lb)
Weight with packaging [kg(lb)]	0.542 kg (1.195 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	12 W
Maximum heat dissipation [BTU/hour]	41 BTU/hour
Power supply mode	<ul style="list-style-type: none"> <li>• PoE</li> <li>• DC power adapter</li> </ul>
Rated input voltage [V]	12 V
Input voltage range [V]	12±10% PoE: 802.3at/af
Service port surge protection	PoE port: Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B Common mode (8 wires to ground): 6 kV (1.2/50 us, 42 ohms), criterion B
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 2, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)

Item	Specification
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	USB 2.0 (supporting 5 W power supply)
IoT slot	Not supported
BLE	BLE5.0
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4G: 2 dBi/chain (peak value) 1 dBi (combined gain) 5G: 3 dBi/chain (peak value) 1 dBi (combined gain) BLE: 4 dBi
Maximum transmit power	2.4G: 20 dBm/chain 23 dBm (combined power) 5G: 20 dBm/chain 23 dBm (combined power) BLE: < 10 dBm
Singal radio transmit power [dBm]	2.4G: -10 dBm to 20 dBm/chain 5G: -10 dBm to 20 dBm/chain

<b>Item</b>	<b>Specification</b>
MTBF [year]	69.7 year
MTTR [hour]	0.5 hour
Frequency stability [ppm]	+/-20
802.3at power supply description	No function is limited.
802.3af power supply description	The USB function is unavailable.
DC power supply description	No function is limited.

# 6 Wall Plate 86x86 AP

[6.1 AP162E](#)

[6.2 AP160](#)

## 6.1 AP162E

### Overview

**Table 6-1** Basic information about the AP162E

Item	Details
Description	AP162E(11ax indoor,2+2 dual bands,smart antenna,Elegant White)
Part Number	50087150
Model	AP162E
First supported version	V200R024C00

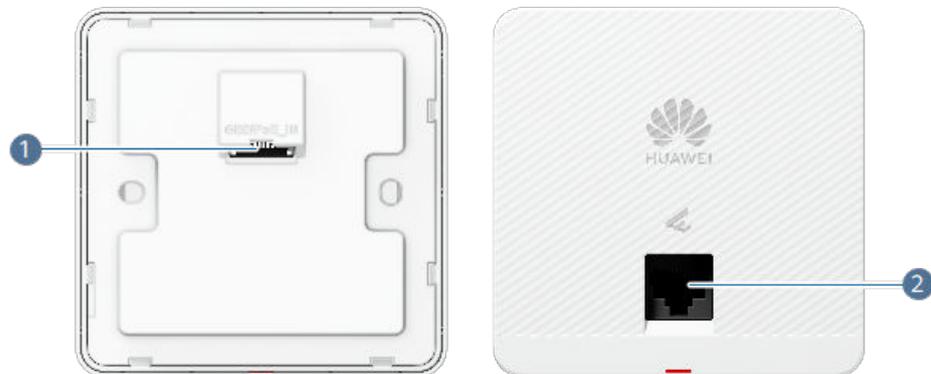
## Appearance

Figure 6-1 Appearance of the AP162E



## Ports

Figure 6-2 Ports on the AP162E



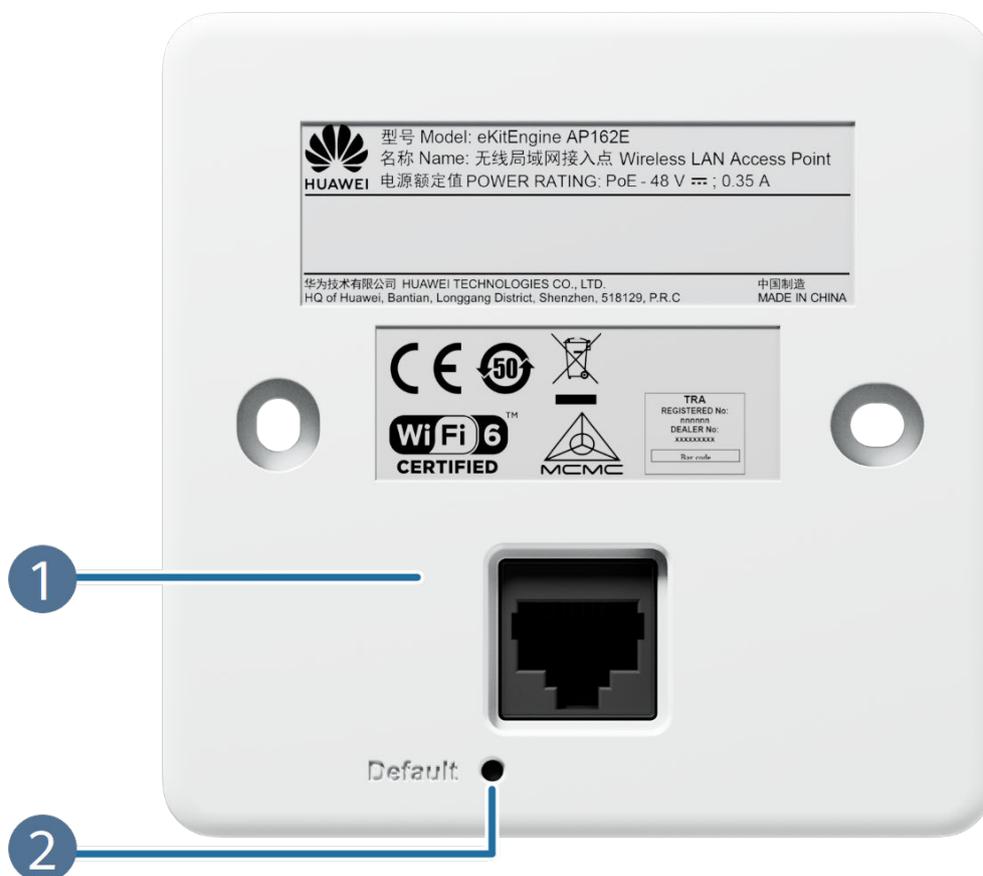
1	GE0/PoE_IN	2	GE1
---	------------	---	-----

**Table 6-2** Ports on the AP162E

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable
GE1	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable

## Indicators and Buttons

Figure 6-3 Indicators and buttons on the AP162E



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
---	-----------	---	---------

Table 6-3 Indicators on the AP162E

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.

Silkscreen	Name	Color	Status	Description
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	The AP works in Fat or Fit mode. <ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>In Fit mode, the AP is requesting to go online or fails to go online.</li> </ul>

Silkscreen	Name	Color	Status	Description
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported only in V200R024C00 and V200R024C10.

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 6-4** Buttons on the AP162E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"><li>For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li><li>For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li></ul>

## Technical Specifications

**Table 6-5** Technical specifications of the AP162E

Item	Specification
Installation Type	Junction Box (86 mm)
Dimensions without packaging (H x W x D) [mm(in.)]	86 mm x 86 mm x 42.5 mm (3.39 in. x 3.39 in. x 1.67 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	98 mm x 117 mm x 73 mm (3.86 in. x 4.61 in. x 2.87 in.)
Weight without packaging [kg(lb)]	0.14 kg (0.31 lb)
Weight with packaging [kg(lb)]	0.24 kg (0.53 lb)
Storage	NAND Flash 256 MB

Item	Specification
Console port	None
Maximum power consumption [W]	9.1 W
Maximum heat dissipation [BTU/hour]	29.5 BTU/hour
Power supply mode	PoE
Input voltage range [V]	PoE: 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion C
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 2, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas

Item	Specification
Antenna gain	2.4 GHz: 3 dBi/chain (peak value) 3 dBi (combined gain) 5 GHz: 2 dBi/chain (peak value) 1 dBi (combined gain)
Maximum transmit power	2.4 GHz: 17 dBm/chain 20 dBm (combined power) 5 GHz: 17 dBm/chain 20 dBm (combined power)
Singal radio transmit power [dBm]	2.4 GHz: 0 dBm to 17 dBm/chain 5 GHz: 0 dBm to 17 dBm/chain
MTBF [year]	446 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
802.3at power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
802.3af power supply description	The negotiated power supply mode is 802.3af, and no function is restricted.
DC power supply description	Not supported

## 6.2 AP160

### Overview

**Table 6-6** Basic information about the AP160

Item	Details
Description	AP160(11ax indoor,2+2 dual bands,smart antenna)
Part Number	50086816

Item	Details
Model	AP160
First supported version	V200R023C00

## Appearance

Figure 6-4 Appearance of the AP160



## Ports

Figure 6-5 Ports on the AP160



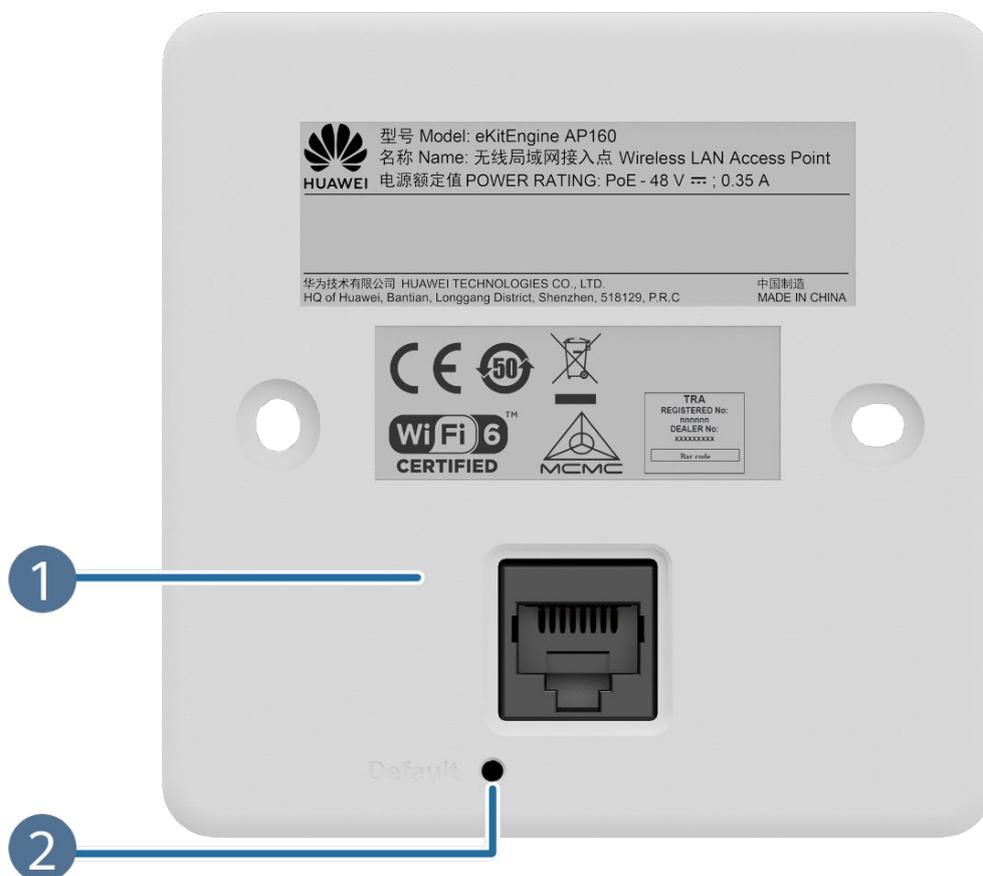
1	GE0/PoE_IN	2	GE1
---	------------	---	-----

**Table 6-7** Ports on the AP160

Port	Connector Type	Description	Available Components
GE0/PoE_IN	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input.	Network cable
GE1	RJ45	Ethernet electrical port that supports 10M/100M/1000M auto-sensing and connects to the wired Ethernet.	Network cable

## Indicators and Buttons

Figure 6-6 Indicators and buttons on the AP160



The indicator is located inside the panel, which turns on after the AP is powered on.

1	Indicator	2	Default
---	-----------	---	---------

Table 6-8 Indicators on the AP160

Silkscreen	Name	Color	Status	Description
-	System indicator	Green	Steady on	The AP is just powered on and the software is not started yet.

Silkscreen	Name	Color	Status	Description
		Green	Steady on after blinking once	After the system is reset and starts uploading the software, the indicator blinks green once. Until the software is uploaded and started, the indicator remains steady green.
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Green	Blinking once every 0.25s (4 Hz)	The AP works in Fat or Fit mode. <ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>In Fit mode, the AP is requesting to go online or fails to go online.</li> </ul>

Silkscreen	Name	Color	Status	Description
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported only in V200R024C00 and V200R024C10.

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V200R25C00 or later.
		Red	Steady on	A fault that affects services has occurred, such as a DRAM detection failure or system software loading failure. The fault cannot be automatically rectified and must be rectified manually.

**Table 6-9** Buttons on the AP160

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V200R023C00: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>• For V200R023C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R024C00 and V200R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R025C00 or later: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks red fast and the device restores the factory settings, switches to the cloud mode, and restarts.</li> </ul>

## Technical Specifications

**Table 6-10** Technical specifications of the AP160

Item	Specification
Installation Type	Junction Box (86 mm)
Dimensions without packaging (H x W x D) [mm(in.)]	86 mm x 86 mm x 42.5 mm (3.39 in. x 3.39 in. x 1.67 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	98 mm x 117 mm x 73 mm (3.86 in. x 4.61 in. x 2.87 in.)
Weight without packaging [kg(lb)]	0.14 kg (0.31 lb)
Weight with packaging [kg(lb)]	0.24 kg (0.53 lb)
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption [W]	9.1 W
Maximum heat dissipation [BTU/hour]	29.5 BTU/hour
Power supply mode	PoE
Input voltage range [V]	PoE: 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion C
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 2, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3

Item	Specification
Ground	Floating ground
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4G: 802.11b/g/n/ax 5G: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 3 dBi/chain (peak value) 3 dBi (combined gain) 5 GHz: 2 dBi/chain (peak value) 1 dBi (combined gain)
Maximum transmit power	2.4G: 17 dBm/chain 20 dBm (combined power) 5G: 17 dBm/chain 20 dBm (combined power)
Singal radio transmit power [dBm]	2.4 GHz: 0 dBm to 17 dBm/chain 5 GHz: 0 dBm to 17 dBm/chain
MTBF [year]	446 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	No function is limited.
802.3at power supply description	No function is limited.
802.3af power supply description	No function is limited.
DC power supply description	Not supported

# 7 Outdoor AP

- [7.1 AP771](#)
- [7.2 AP761E](#)
- [7.3 AP772](#)
- [7.4 AP772E](#)
- [7.5 AP761](#)

## 7.1 AP771

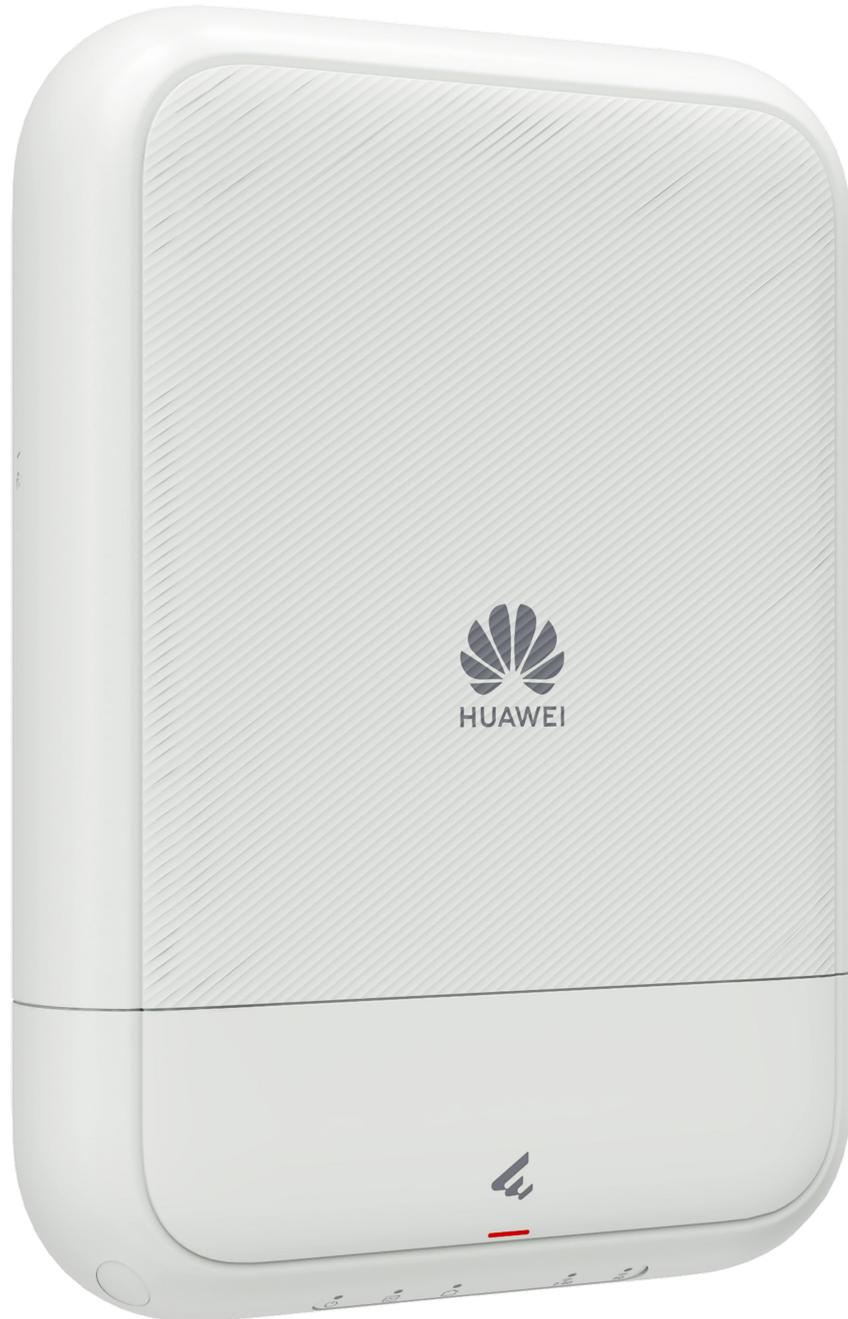
### Overview

**Table 7-1** Basic information about the AP771

Item	Details
Description	AP771(11be outdoor,2+2 dual-band,omnidirectional antenna)
Part Number	50088525
Model	AP771
First supported version	V600R025C00

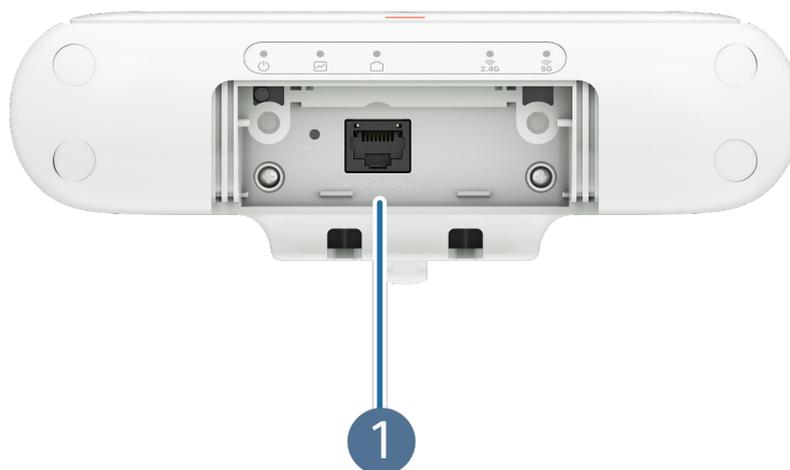
## Appearance

Figure 7-1 Appearance of the AP771



## Ports

**Figure 7-2** Ports on the AP771



1	2.5GE/PoE_IN	-	-
---	--------------	---	---

**Table 7-2** Ports on the AP771

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable

## Indicators and Buttons

Figure 7-3 Indicators and buttons on the AP771



1	PWR	2	SYS
3	LINK/ACT	4	WIRELESS0
5	WIRELESS1	6	Default

**Table 7-3** Indicators on the AP771

Silkscreen	Name	Color	Status	Description
PWR	Power indicator	-	Off	The system is not powered on.
		Green	Steady on	The system is powered on properly.
SYS	System indicator	-	Off	The system is not running.
		Green	Steady on	<ul style="list-style-type: none"><li>• The system is just powered on.</li><li>• The system is starting after a reset.</li><li>• The upper-layer system is starting.</li></ul>
		Green	Blinking once every 0.25s (4 Hz)	The AP works in Fat or Fit mode. <ul style="list-style-type: none"><li>• The software is being upgraded.</li><li>• In Fit mode, the AP is requesting to go online or fails to go online.</li></ul>
		Green	Slow blinking (0.5 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and STAs are associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Slow blinking (0.2 Hz)	The AP runs in Fat or Fit mode, the Ethernet connection is normal, and no STA is associated with the AP.
		Blue	Blinking once every 0.25s (4 Hz)	The AP works in cloud mode and is connecting to the cloud management controller (including reconnection after disconnection).
		Blue	Slow blinking (0.5 Hz)	The AP works in cloud mode, has gone online on the cloud management controller, and is running properly.
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.
		Red	Steady on	The system is faulty.
LINK/ACT	Port indicator	-	Off	The port is in link-down state.
		Green	Blinking	The Ethernet connection is normal.

Silkscreen	Name	Color	Status	Description
WIRELESS0	Radio 0 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Green	Steady on	The AP has STAs connected, but no data is being transmitted.
		Green	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.
WIRELESS1	Radio 1 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Yellow	Steady on	The AP has STAs connected, but no data is being transmitted.

Silkscreen	Name	Color	Status	Description
		Yellow	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

**Table 7-4** Buttons on the AP771

Silkscreen	Name	Description
Default	Reset button	If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.

## Technical Specifications

**Table 7-5** Technical specifications of the AP771

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>• Wall</li> <li>• Pole</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	270 mm x 196 mm x 51 mm (10.63 in. x 7.72 in. x 2.01 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	110 mm x 356 mm x 250 mm (4.33 in. x 14.02 in. x 9.84 in.)
Weight without packaging [kg(lb)]	1.14 kg (2.51 lb)
Weight with packaging [kg(lb)]	1.78 kg (3.92 lb)
Storage	NAND Flash 256 MB

Item	Specification
Console port	None
Maximum power consumption [W]	18.8 W
Maximum heat dissipation [BTU/hour]	64.15 BTU/hour
Power supply mode	PoE
Rated input voltage [V]	PoE: 802.3at/af
Input voltage range [V]	PoE: 802.3at/af
Service port surge protection	<p>PoE port:</p> <p>Surge:</p> <p>Differential mode: 1.5 kV (D.1), 10/700 us, 15 ohms + 25 ohms, criterion B</p> <p>Differential mode: 1.5 kV (D.2), 10/700 us, 15 ohms + 25 ohms, criterion C</p> <p>Common mode: 6 kV (C.3), 10/700 us, 15 ohms + 25 ohms/wire, criterion B: 6)</p> <p>Differential mode: 1 kV (D.1), 1.2/50 us, 42 ohms, criterion B;</p> <p>Differential mode: 1 kV (D.2), 1.2/50 us, 42 ohms, criterion B;</p> <p>Common mode: 2 kV (C.3), 1.2/50 us, 2 ohms + 40 ohms x n/wire, criterion B</p> <p>Inrush current:</p> <p>Differential mode: 250 A (D.2), 8/20 μs, criterion C</p> <p>Common mode: 6 kA/8-wire, 8/20 us, criterion C</p>
PoE OUT	Not supported
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2.5G auto-sensing
Long-term operating temperature [°C(°F)]	-30°C to +60°C (-22°F to +140°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)

Item	Specification
Long-term operating relative humidity [RH]	Operating humidity: 5% RH to 95% RH Storage humidity: 5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ingress protection level (dustproof/waterproof)	IP65
Ground	Floating ground
Wind resistance	77 m/s
USB	Not supported
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in omnidirectional antennas
Antenna gain	2.4 GHz: 4 dBi/chain (peak value) 2 dBi (combined gain) 5 GHz: 7 dBi/chain (peak value) 4 dBi (combined gain)
Maximum transmit power	2.4 GHz: 25 dBm/chain 28 dBm (combined power) 5 GHz: 24 dBm/chain 27 dBm (combined power)

Item	Specification
Singal radio transmit power [dBm]	2.4 GHz: 0 dBm to 25 dBm/chain 5 GHz: 0 dBm to 24 dBm/chain
MTBF [year]	171.23 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3at power supply description	The power supply mode is negotiated to 802.3at, and no function is restricted.
802.3af power supply description	If the power supply mode is negotiated to 802.3af, the ambient temperature range is -10°C to +60°C (14°F to 140°F), and the radio transmit power decreases by 3 dB.
DC power supply description	Not supported

## 7.2 AP761E

### Overview

**Table 7-6** Basic information about the AP761E

Item	Details
Description	AP761E(11ax outdoor,2+4 dual bands,directional antenna,USB)
Part Number	50088136
Model	AP761E
First supported version	V600R024C10

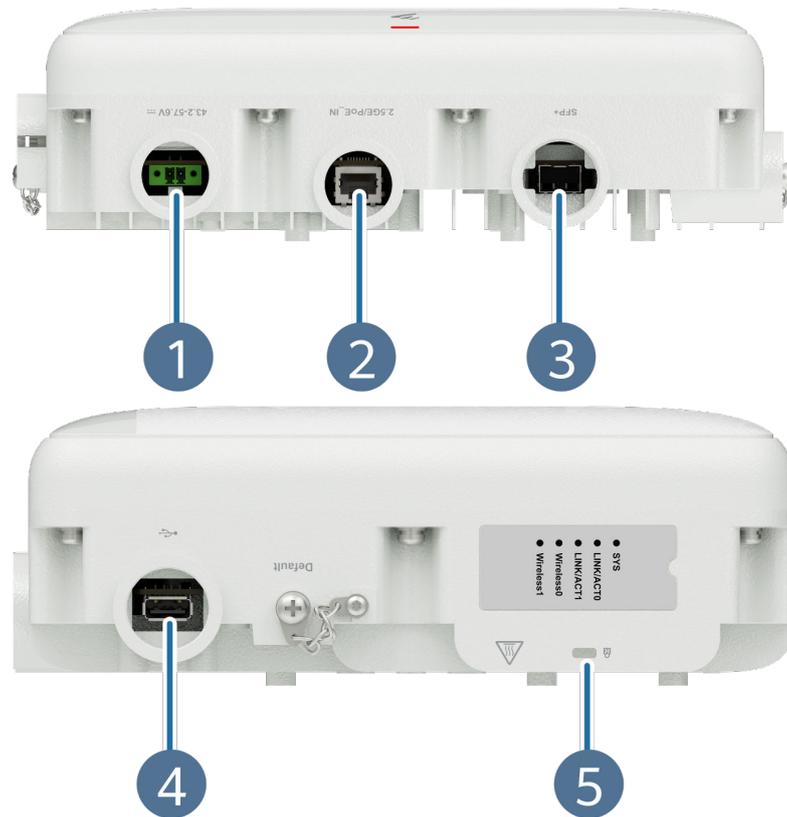
## Appearance

Figure 7-4 Appearance of the AP761E



## Ports

Figure 7-5 Ports on the AP761E



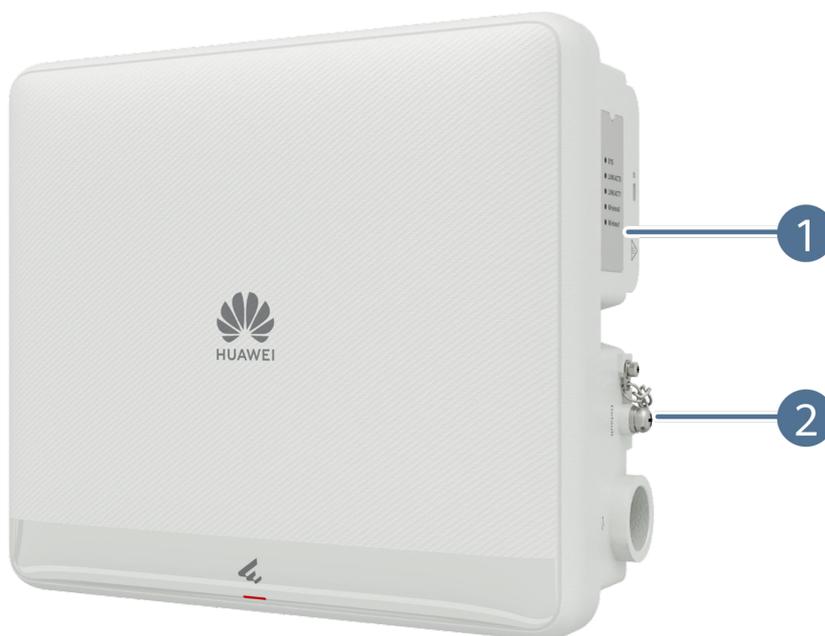
1	DC port	2	2.5GE/PoE_IN
3	SFP+	4	USB
5	Security slot	-	-

**Table 7-7** Ports on the AP761E

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/ 2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
SFP+	SFP+	Ethernet optical port, supporting 1G/2.5G/10G auto-sensing and working with a matching optical module.	Optical module
DC 48V	Phoenix terminal block	DC power port connected to a 48 V power adapter. (Easy installation with no restrictions on the positive and negative poles on the port side)	48 V power adapter
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Indicators and Buttons

Figure 7-6 Indicators and buttons on the AP761E



1	Indicator	2	Default
---	-----------	---	---------

Table 7-8 Indicators on the AP761E

Silkscreen	Name	Color	Status	Description
SYS	System indicator	-	Off	The system is not running.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported in V600R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R25C00 or later.
		Red	Steady on	The system is faulty.
LINK/ACT0 and LINK/ACT1	Port indicator	Green	Blinking	The Ethernet connection is normal.
		-	Off	The port is in link-down state.
WIRELESS0	Radio 0 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Green	Steady on	The AP has STAs connected, but no data is being transmitted.
		Green	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

Silkscreen	Name	Color	Status	Description
WIRELESS1	Radio 1 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Yellow	Steady on	The AP has STAs connected, but no data is being transmitted.
		Yellow	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

**Table 7-9** Buttons on the AP761E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li> </ul>

## Technical Specifications

**Table 7-10** Technical specifications of the AP761E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Wall</li> <li>Pole</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	220 mm x 250 mm x 77 mm (8.66 in. x 9.84 in. x 3.03 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	170 mm x 555 mm x 370 mm (6.69 in. x 21.85 in. x 14.57 in.)
Weight without packaging [kg(lb)]	2.76 kg (6.08 lb)
Weight with packaging [kg(lb)]	5.65 kg (12.46 lb)

Item	Specification
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	20.4 (excluding USB)
Maximum heat dissipation [BTU/hour]	69.61 BTU/hour
Power supply mode	<ul style="list-style-type: none"><li>PoE</li><li>DC power adapter</li></ul>
Rated input voltage [V]	DC: 48 V PoE: 802.3bt/at/af
Input voltage range [V]	DC: 43.2 V to 57.6 V PoE: 802.3bt/at/af
Service port surge protection	PoE port: Surge: Differential mode: 1.5 kV (D.1), 10/700 us, 15 ohms + 25 ohms, criterion B Differential mode: 1.5 kV (D.2), 10/700 us, 15 ohms + 25 ohms, criterion C Common mode: 6 kV (C.3), 10/700 us, 15 ohms + 25 ohms/wire, criterion B: 6) Differential mode: 1 kV (D.1), 1.2/50 us, 42 ohms, criterion B; Differential mode: 1 kV (D.2), 1.2/50 us, 42 ohms, criterion B; Common mode: 2 kV (C.3), 1.2/50 us, 2 ohms + 40 ohms x n/wire, criterion B Inrush current: Differential mode: 250 A (D.2), 8/20 μs, criterion C Common mode: 6 kA/8-wire, 8/20 us, criterion C
PoE OUT	Not supported
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500M auto-sensing 10GE optical (SFP+), GE/2.5GE/10GE auto-sensing

Item	Specification
Long-term operating temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Long-term operating relative humidity [RH]	Operating humidity: 0% RH to 100% RH Storage humidity: 5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ingress protection level (dustproof/waterproof)	IP68
Ground	Grounding
Wind resistance	67 m/s
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 4x4
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in directional antennas
Antenna gain	2.4 GHz: 10 dBi/chain (peak value) 10 dBi (combined gain) 5 GHz: 11 dBi/chain (peak value) 10 dBi (combined gain)

Item	Specification
Beamwidth of the built-in antenna [degrees]	2.4 GHz: <ul style="list-style-type: none"><li>• Horizontal plane: 70°</li><li>• Vertical plane: 35°</li></ul> 5 GHz: <ul style="list-style-type: none"><li>• Horizontal plane: 60°</li><li>• Vertical plane: 20°</li></ul>
Maximum transmit power	2.4 GHz: 25 dBm/chain 28 dBm (combined power) 5 GHz: 24 dBm/chain 30 dBm (combined power)
Singal radio transmit power [dBm]	2.4 GHz: -10 dBm to 25 dBm/chain 5 GHz: -10 dBm to 24 dBm/chain
MTBF [year]	132.7633643 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3bt, and no function is restricted.
802.3at power supply description	When the power supply mode is negotiated to 802.3at and 5 W USB power supply is used, the radio transmit power decreases by 3 dB.
802.3af power supply description	When the power supply mode is negotiated to 802.3af, the radio mode is limited to 2.4 GHz (2x2), the 5 GHz radio is disabled, and the radio transmit power decreases by 3 dB.
DC power supply description	No function is limited.

## 7.3 AP772

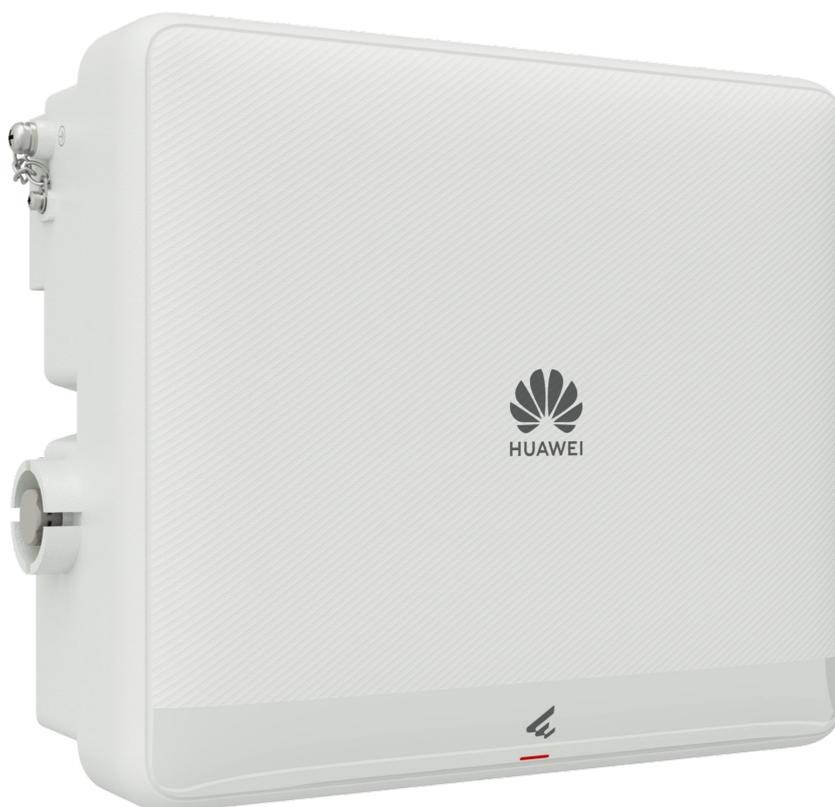
## Overview

**Table 7-11** Basic information about the AP772

Item	Details
Description	AP772(11be outdoor,2+4 dual bands,omnidirectional antenna,USB)
Part Number	50088137
Model	AP772
First supported version	V600R024C10

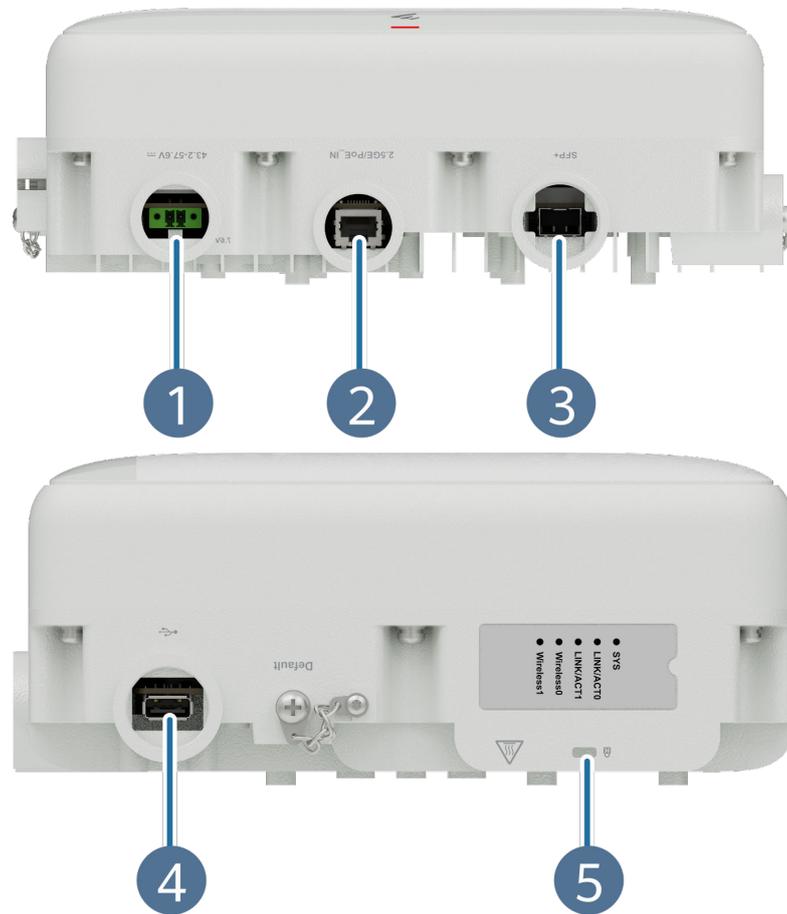
## Appearance

**Figure 7-7** Appearance of the AP772



## Ports

Figure 7-8 Ports on the AP772



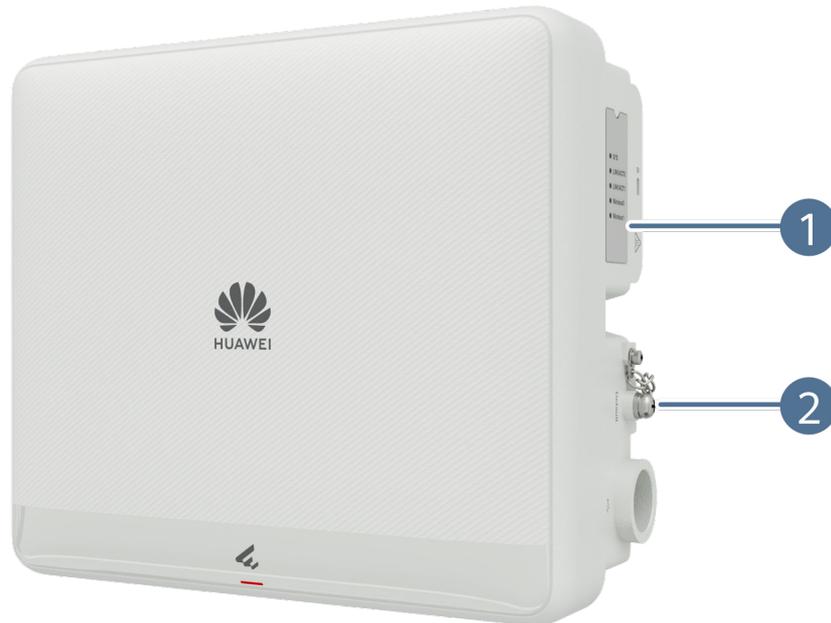
1	DC port	2	2.5GE/PoE_IN
3	SFP+	4	USB
5	Security slot	-	-

**Table 7-12** Ports on the AP772

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
SFP+	SFP+	Ethernet optical port, supporting 1G/2.5G/10G auto-sensing and working with a matching optical module.	Optical module
DC 48V	Phoenix terminal block	DC power port, used in DC power supply scenarios and supporting a voltage range of 43.2 V to 57.6 V. (Easy installation with no restrictions on the positive and negative poles on the port side)	Phoenix terminal block
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Indicators and Buttons

Figure 7-9 Indicators and buttons on the AP772



1	Indicator	2	Default
---	-----------	---	---------

Table 7-13 Indicators on the AP772

Silkscreen	Name	Color	Status	Description
SYS	System indicator	-	Off	The system is not running.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported in V600R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R25C00 or later.
		Red	Steady on	The system is faulty.
LINK/ACT0 and LINK/ACT1	Port indicator	Green	Blinking	The Ethernet connection is normal.
		-	Off	The port is in link-down state.
WIRELESS0	Radio 0 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Green	Steady on	The AP has STAs connected, but no data is being transmitted.
		Green	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

Silkscreen	Name	Color	Status	Description
WIRELESS1	Radio 1 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Yellow	Steady on	The AP has STAs connected, but no data is being transmitted.
		Yellow	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

**Table 7-14** Buttons on the AP772

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li> </ul>

## Technical Specifications

**Table 7-15** Technical specifications of the AP772

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Wall</li> <li>Pole</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	92 mm x 250 mm x 220 mm (3.62 in. x 9.84 in. x 8.66 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	185 mm x 555 mm x 370 mm (7.28 in. x 21.85 in. x 14.57 in.)
Weight without packaging [kg(lb)]	2.89 kg (6.37 lb)
Weight with packaging [kg(lb)]	5.42 kg (11.95 lb)

Item	Specification
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	20.4 (excluding USB)
Maximum heat dissipation [BTU/hour]	69.61 BTU/hour
Power supply mode	<ul style="list-style-type: none"><li>PoE</li><li>DC power adapter</li></ul>
Rated input voltage [V]	DC: 48 V PoE: 802.3bt/at/af
Input voltage range [V]	DC: 43.2 V to 57.6 V PoE: 802.3bt/at/af
Service port surge protection	PoE port: Surge: Differential mode: 1.5 kV (D.1), 10/700 us, 15 ohms + 25 ohms, criterion B Differential mode: 1.5 kV (D.2), 10/700 us, 15 ohms + 25 ohms, criterion C Common mode: 6 kV (C.3), 10/700 us, 15 ohms + 25 ohms/wire, criterion B: 6) Differential mode: 1 kV (D.1), 1.2/50 us, 42 ohms, criterion B; Differential mode: 1 kV (D.2), 1.2/50 us, 42 ohms, criterion B; Common mode: 2 kV (C.3), 1.2/50 us, 2 ohms + 40 ohms x n/wire, criterion B Inrush current: Differential mode: 250 A (D.2), 8/20 μs, criterion C Common mode: 6 kA/8-wire, 8/20 us, criterion C
PoE OUT	Not supported
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500M auto-sensing 10GE optical (SFP+), GE/2.5GE/10GE auto-sensing

Item	Specification
Long-term operating temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Long-term operating relative humidity [RH]	Operating humidity: 0% RH to 100% RH Storage humidity: 5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ingress protection level (dustproof/waterproof)	IP68
Ground	Grounding
Wind resistance	67 m/s
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 4x4
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in omnidirectional antennas
Antenna gain	2.4 GHz: 5 dBi/chain (peak value) 3 dBi (combined gain) 5 GHz: 5 dBi/chain (peak value) 3 dBi (combined gain)

Item	Specification
Maximum transmit power	2.4 GHz: 25 dBm/chain 28 dBm (combined power) 5 GHz: 24 dBm/chain 30 dBm (combined power)
Singal radio transmit power [dBm]	2.4 GHz: -10 dBm to 25 dBm/chain 5 GHz: -10 dBm to 24 dBm/chain
MTBF [year]	131.1375659 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3bt, and no function is restricted.
802.3at power supply description	When the power supply mode is negotiated to 802.3at and 5 W USB power supply is used, the radio transmit power decreases by 3 dB.
802.3af power supply description	When the power supply mode is negotiated to 802.3af, the radio mode is limited to 2.4 GHz (2x2), the 5 GHz radio is disabled, and the radio transmit power decreases by 3 dB.
DC power supply description	No function is limited.

## 7.4 AP772E

### Overview

**Table 7-16** Basic information about the AP772E

Item	Details
Description	AP772E(11be outdoor,2+4 dual bands,directional antenna,USB)
Part Number	50088138
Model	AP772E

Item	Details
First supported version	V600R024C10

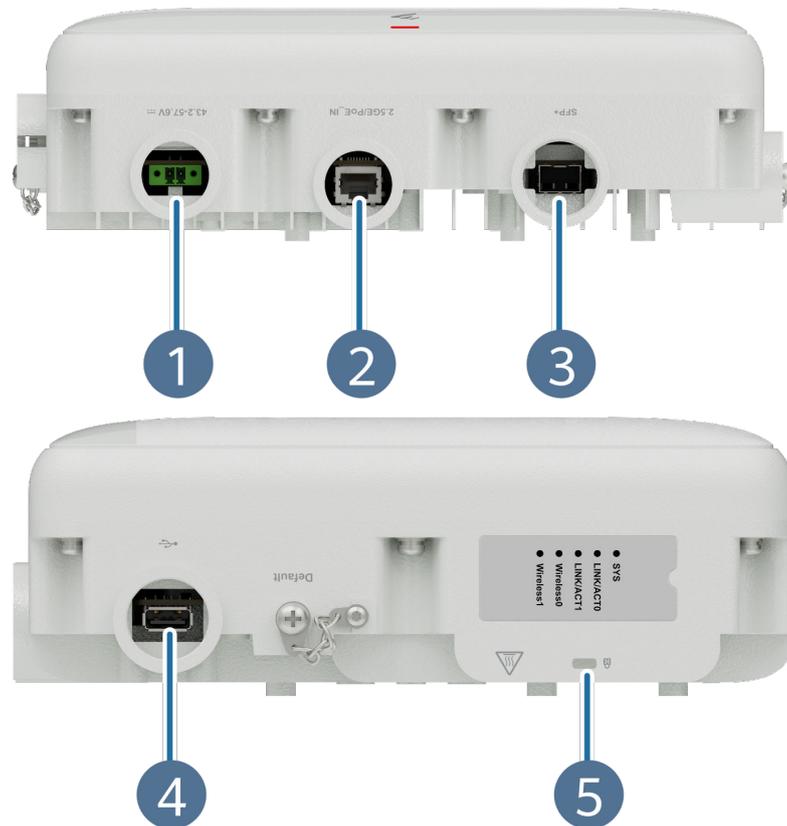
## Appearance

Figure 7-10 Appearance of the AP772E



## Ports

Figure 7-11 Ports on the AP772E



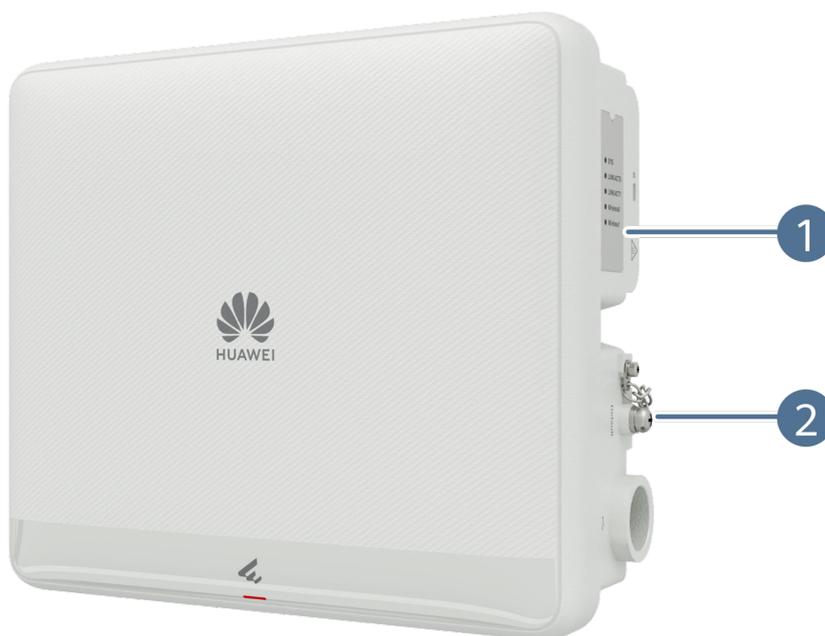
1	DC port	2	2.5GE/PoE_IN
3	SFP+	4	USB
5	Security slot	-	-

**Table 7-17** Ports on the AP772E

Port	Connector Type	Description	Available Components
2.5GE/PoE_IN	RJ45	100M/1000M/2.5G auto-sensing Ethernet electrical port that connects to the wired Ethernet and supports PoE input.	Network cable
SFP+	SFP+	Ethernet optical port, supporting 1G/2.5G/10G auto-sensing and working with a matching optical module.	Optical module
DC 48V	Phoenix terminal block	DC power port, used in DC power supply scenarios and supporting a voltage range of 43.2 V to 57.6 V. (Easy installation with no restrictions on the positive and negative poles on the port side)	Phoenix terminal block
USB	USB Type A	Provides 2.5 W or 5 W power supply.	-

## Indicators and Buttons

Figure 7-12 Indicators and buttons on the AP772E



1	Indicator	2	Default
---	-----------	---	---------

Table 7-18 Indicators on the AP772E

Silkscreen	Name	Color	Status	Description
SYS	System indicator	-	Off	The system is not running.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"> <li>The software is being upgraded.</li> <li>After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li> </ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	<p>Hold down the Default button for more than 6 seconds to restore the factory settings.</p> <p>This function is supported in V600R024C10.</p>

Silkscreen	Name	Color	Status	Description
		Red	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings.  This function is supported in V600R25C00 or later.
		Red	Steady on	The system is faulty.
LINK/ACT0 and LINK/ACT1	Port indicator	Green	Blinking	The Ethernet connection is normal.
		-	Off	The port is in link-down state.
WIRELESS0	Radio 0 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Green	Steady on	The AP has STAs connected, but no data is being transmitted.
		Green	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

Silkscreen	Name	Color	Status	Description
WIRELESS1	Radio 1 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Yellow	Steady on	The AP has STAs connected, but no data is being transmitted.
		Yellow	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

**Table 7-19** Buttons on the AP772E

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>For V600R024C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the Fit mode, and restarts.</li> <li>For V600R025C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the SYS indicator blinks red fast and the device restores the factory settings, switches to the Fit mode, and restarts.</li> </ul>

## Technical Specifications

**Table 7-20** Technical specifications of the AP772E

Item	Specification
Installation Type	<ul style="list-style-type: none"> <li>Wall</li> <li>Pole</li> </ul>
Dimensions without packaging (H x W x D) [mm(in.)]	220 mm x 250 mm x 77 mm (8.66 in. x 9.84 in. x 3.03 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	170 mm x 555 mm x 370 mm (6.69 in. x 21.85 in. x 14.57 in.)
Weight without packaging [kg(lb)]	2.76 kg (6.08 lb)
Weight with packaging [kg(lb)]	5.65 kg (12.46 lb)

Item	Specification
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	20.4 (excluding USB)
Maximum heat dissipation [BTU/hour]	69.61 BTU/hour
Power supply mode	<ul style="list-style-type: none"><li>PoE</li><li>DC power adapter</li></ul>
Rated input voltage [V]	DC: 48 V PoE: 802.3bt/at/af
Input voltage range [V]	DC: 43.2 V to 57.6 V PoE: 802.3bt/at/af
Service port surge protection	PoE port: Surge: Differential mode: 1.5 kV (D.1), 10/700 us, 15 ohms + 25 ohms, criterion B Differential mode: 1.5 kV (D.2), 10/700 us, 15 ohms + 25 ohms, criterion C Common mode: 6 kV (C.3), 10/700 us, 15 ohms + 25 ohms/wire, criterion B: 6) Differential mode: 1 kV (D.1), 1.2/50 us, 42 ohms, criterion B; Differential mode: 1 kV (D.2), 1.2/50 us, 42 ohms, criterion B; Common mode: 2 kV (C.3), 1.2/50 us, 2 ohms + 40 ohms x n/wire, criterion B Inrush current: Differential mode: 250 A (D.2), 8/20 μs, criterion C Common mode: 6 kA/8-wire, 8/20 us, criterion C
PoE OUT	Not supported
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500M auto-sensing 10GE optical (SFP+), GE/2.5GE/10GE auto-sensing

Item	Specification
Long-term operating temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Long-term operating relative humidity [RH]	Operating humidity: 0% RH to 100% RH Storage humidity: 5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ingress protection level (dustproof/waterproof)	IP68
Ground	Grounding
Wind resistance	67 m/s
USB	Supplies power of 2.5 W or 5 W.
IoT slot	Not supported
BLE	Not supported
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 4x4
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be
Radio interface	Built-in directional antennas
Antenna gain	2.4 GHz: 10 dBi/chain (peak value) 10 dBi (combined gain) 5 GHz: 11 dBi/chain (peak value) 10 dBi (combined gain)

Item	Specification
Beamwidth of the built-in antenna [degrees]	2.4 GHz: <ul style="list-style-type: none"> <li>Horizontal plane: 70°</li> <li>Vertical plane: 35°</li> </ul> 5 GHz: <ul style="list-style-type: none"> <li>Horizontal plane: 60°</li> <li>Vertical plane: 20°</li> </ul>
Maximum transmit power	2.4 GHz: <ul style="list-style-type: none"> <li>25 dBm/chain</li> <li>28 dBm (combined power)</li> </ul> 5 GHz: <ul style="list-style-type: none"> <li>24 dBm/chain</li> <li>30 dBm (combined power)</li> </ul>
Singal radio transmit power [dBm]	2.4 GHz: -10 dBm to 25 dBm/chain 5 GHz: -10 dBm to 24 dBm/chain
MTBF [year]	132.7633643 year
MTTR [hour]	2 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	The power supply mode is negotiated to 802.3bt, and no function is restricted.
802.3at power supply description	When the power supply mode is negotiated to 802.3at and 5 W USB power supply is used, the radio transmit power decreases by 3 dB.
802.3af power supply description	When the power supply mode is negotiated to 802.3af, the radio mode is limited to 2.4 GHz (2x2), the 5 GHz radio is disabled, and the radio transmit power decreases by 3 dB.
DC power supply description	No function is limited.

## 7.5 AP761

## Overview

**Table 7-21** Basic information about the AP761

Item	Details
Description	AP761(11ax outdoor,2+2 dual bands,built-in antenna,BLE)
Part Number	02355VFB
Model	AP761
First supported version	V200R023C10

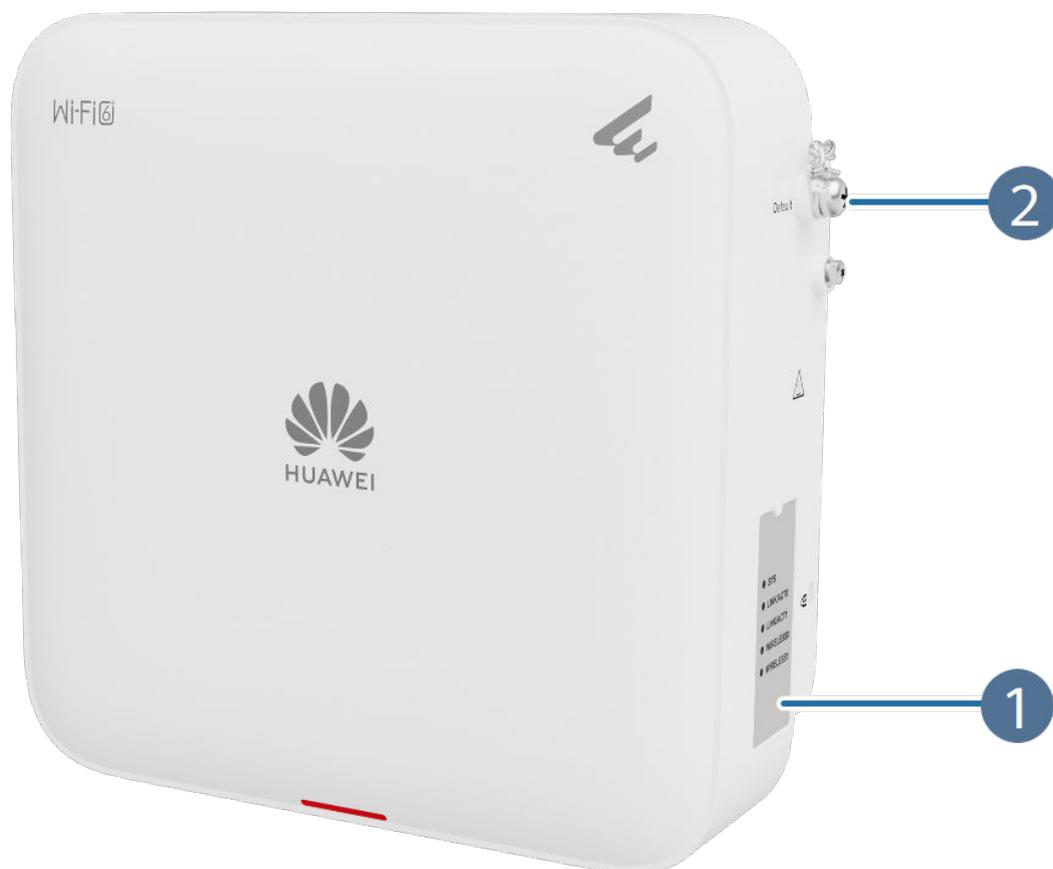
## Appearance

**Figure 7-13** Appearance of the AP761



## Indicators and Buttons

**Figure 7-14** Indicators and buttons on the AP761



**Table 7-22** Indicators on the AP761

Silkscreen	Name	Color	Status	Description
SYS	System indicator	-	Off	The system is not running.
		Green	Steady on	<ul style="list-style-type: none"> <li>The system is just powered on.</li> <li>The system is starting after a reset.</li> <li>The upper-layer system is starting.</li> </ul>

Silkscreen	Name	Color	Status	Description
		Green	Steady on after blinking once	After the hardware reset is cleared and the software starts, the indicator blinks once. Then, the indicator is steady on until the bottom-layer system starts.
		Green	Slow blinking (0.5 Hz)	The AP is running properly, the Ethernet connection is normal, and STAs are associated with the AP.
		Green	Slow blinking (0.2 Hz)	The AP is running properly, the Ethernet connection is normal, and no STA is associated with the AP.

Silkscreen	Name	Color	Status	Description
		Green	Blinking once every 0.25s (4 Hz)	<ul style="list-style-type: none"><li>• The bottom-layer system is being started.</li><li>• The software is being upgraded.</li><li>• After the software is loaded and started, the AP requests to go online in Fit or cloud management mode. The indicator remains in this state till the AP successfully goes online.</li></ul>
		Yellow (blinking red and green at the same time, causing color deviation)	Blinking once every 0.25s (4 Hz)	Hold down the Default button for more than 6 seconds to restore the factory settings. This function is supported in V200R024C00 and later versions.
		Red	Steady on	The system is faulty.

Silkscreen	Name	Color	Status	Description
LINK/ACT0	GE electrical port indicator	Green	Blinking	The port is running properly and the Ethernet connection is normal.
		-	Off	The port is in link-down state.
LINK/ACT1	SFP optical port indicator	Green	Blinking	The port is running properly and the Ethernet connection is normal.
		-	Off	The port is in link-down state.
WIRELESS0	Radio 0 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Green	Steady on	The AP has STAs connected, but no data is being transmitted.
		Green	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.

Silkscreen	Name	Color	Status	Description
WIRELESS0	Radio 0 status indicator (signal strength mode)	-	Off	The AP is not connected to a Mesh network or has extremely poor signal strength.
		Green	Slow blinking (0.5 Hz)	The AP is connected to a Mesh network and has poor signal strength.
		Green	Blinking once every 0.25s (4 Hz)	The AP is connected to a Mesh network and has medium signal strength.
		Green	Steady on	The AP is connected to a Mesh network and has good signal strength.
WIRELESS1	Radio 1 status indicator (service traffic mode)	-	Off	Radios or all associated VAPs are disabled, and no STA is connected to the AP.
		Yellow	Steady on	The AP has STAs connected, but no data is being transmitted.

Silkscreen	Name	Color	Status	Description
		Yellow	Blinking	The AP has STAs connected and is transmitting data traffic. The indicator blinks more quickly when more data is being transmitted.
WIRELESS1	Radio 1 status indicator (signal strength mode)	-	Off	The AP is not connected to a Mesh network or has extremely poor signal strength.
		Yellow	Slow blinking (0.5 Hz)	The AP is connected to a Mesh network and has poor signal strength.
		Yellow	Blinking once every 0.25s (4 Hz)	The AP is connected to a Mesh network and has medium signal strength.
		Yellow	Steady on	The AP is connected to a Mesh network and has good signal strength.

**Table 7-23** Buttons on the AP761

Silkscreen	Name	Description
Default	Reset button	<ul style="list-style-type: none"> <li>• For V200R023C10: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the device restores the factory settings, switches to the cloud mode, and restarts.</li> <li>• For V200R024C00 and later versions: If you press the button, the device resets. If you hold down the button for more than 6 seconds, the indicator blinks yellow (blinking red and green fast at the same time, causing color deviation), and the device restores the factory settings, switches to the cloud mode, and restarts.</li> </ul>

## Ports

Figure 7-15 Ports on the AP761

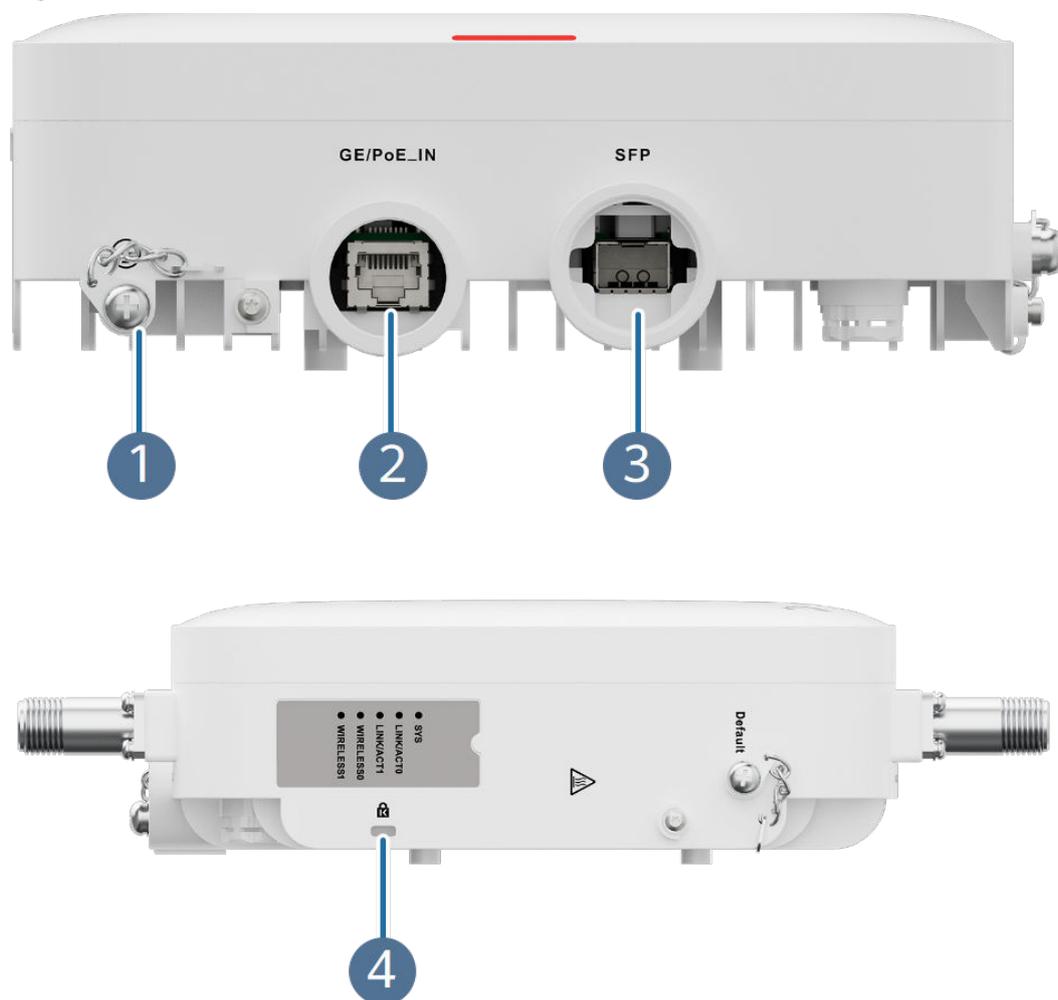


Table 7-24 Ports on the AP761

Port	Connector Type	Description	Available Components
GE/PoE_IN	RJ45	Ethernet electrical port that supports 10/100/1000M auto-sensing, connects to the wired Ethernet, and supports PoE input	Network cable

Port	Connector Type	Description	Available Components
SFP	SFP	Ethernet optical port, supporting 1000 Mbit/s and working with a matching optical transceiver.	Optical module

## Technical Specifications

**Table 7-25** Technical specifications of the AP761

Item	Specification
Installation Type	<ul style="list-style-type: none"><li>• Wall</li><li>• Pole</li></ul>
Dimensions without packaging (H x W x D) [mm(in.)]	69 mm x 200 mm x 200 mm (2.72 in. x 7.87 in. x 7.87 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	160 mm x 470 mm x 390 mm (6.30 in. x 18.50 in. x 15.35 in.)
Weight without packaging [kg(lb)]	1.91 kg (4.21 lb)
Weight with packaging [kg(lb)]	3.73 kg (8.22 lb)
Storage	NAND Flash 512 MB
Console port	None
Maximum power consumption [W]	17.7 W
Maximum heat dissipation [BTU/hour]	60.4 BTU/hour
Power supply mode	PoE
Input voltage range [V]	PoE: 802.3at/af
Service port surge protection	6 kA in common mode
PoE OUT	Not supported
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing GE optical port (SFP)

Item	Specification
Long-term operating temperature [°C(°F)]	-40°C to +65°C (-40°F to +149°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Long-term operating relative humidity [RH]	0% RH to 100% RH
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Atmospheric pressure [kPa]	53kPa - 106kPa ETSI 300 019-2-3
Ingress protection level (dustproof/waterproof)	IP68
Ground	Grounding
Antenna port surge protection [kA]	N/A
Wind resistance	67 m/s
USB	Not supported
IoT slot	Not supported
BLE	BLE5.2
Radio number	2
Operating frequency band	<ul style="list-style-type: none"> <li>• 2.4GHz</li> <li>• 5GHz</li> </ul>
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2 Radio 1 (5 GHz): 2x2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in directional antennas
Antenna gain	2.4G: 10 dBi 5G: 11 dBi BLE: 5 dBi

Item	Specification
Beamwidth of the built-in antenna [degrees]	2.4 GHz: <ul style="list-style-type: none"><li>• Horizontal plane: 65°</li><li>• Vertical plane: 40°</li></ul> 5 GHz: <ul style="list-style-type: none"><li>• Horizontal plane: 65°</li><li>• Vertical plane: 20°</li></ul>
Maximum transmit power	2.4G: 28 dBm (Max) 5G: 27 dBm (Max) <b>NOTE</b> This is the total MIMO radio power, which is the same as: 2.4G: 25 dBm/chain (Max) 5G: 24 dBm/chain (Max) BLE: < 10 dBm
Singal radio transmit power [dBm]	2.4G: -10 dBm to 25 dBm/chain 5G: -10 dBm to 24 dBm/chain
MTBF [year]	123 year
MTTR [hour]	0.5 hour
Frequency stability [ppm]	+/-20
802.3bt power supply description	No function is limited.
802.3at power supply description	No function is limited.
802.3af power supply description	Wi-Fi: 2.4 GHz (2x2) + 5 GHz (2x2). The maximum combined power is adjusted to 23 dBm (2.4 GHz) and 23 dBm (5 GHz).  Wired network port: The SFP optical port and GE/PoE_IN work as combo ports, and only one of them is working at a time. If both of them are enabled, the optical port takes effect preferentially.